



सरकारी गजट, उत्तराखण्ड

उत्तराखण्ड सरकार द्वारा प्रकाशित

रुड़की

खण्ड-19] रुड़की, शनिवार, दिनांक 22 सितम्बर, 2018 ई0 (भाद्रपद 31, 1940 शक सम्वत्) [संख्या-38

विषय-सूची

प्रत्येक भाग के पृष्ठ अलग-अलग दिये गए हैं, जिससे उनके अलग-अलग खण्ड बन सकें

विषय	पृष्ठ संख्या	वार्षिक चन्दा
सम्पूर्ण गजट का मूल्य	—	रु0 3075
भाग 1—विज्ञप्ति—अवकाश, नियुक्ति, स्थान-नियुक्ति, स्थानान्तरण, अधिकार और दूसरे वैयक्तिक नोटिस	489-499	1500
भाग 1—क—नियम, कार्य-विधियां, आज्ञाएं, विज्ञप्तियां इत्यादि जिनको उत्तराखण्ड के राज्यपाल महोदय, विभिन्न विभागों के अध्यक्ष तथा राजस्व परिषद् ने जारी किया	609-666	1500
भाग 2—आज्ञाएं, विज्ञप्तियां, नियम और नियम विधान, जिनको केन्द्रीय सरकार और अन्य राज्यों की सरकारों ने जारी किया, हाई कोर्ट की विज्ञप्तियां, भारत सरकार के गजट और दूसरे राज्यों के गजटों के उद्धरण	—	975
भाग 3—स्वायत्त शासन विभाग का क्रोड़-पत्र, नगर प्रशासन, नोटीफाइड एरिया, टाउन एरिया एवं निर्वाचन (स्थानीय निकाय) तथा पंचायतीराज आदि के निदेश जिन्हें विभिन्न आयुक्तों अथवा जिलाधिकारियों ने जारी किया	—	975
भाग 4—निदेशक, शिक्षा विभाग, उत्तराखण्ड	—	975
भाग 5—एकाउन्टेन्ट जनरल, उत्तराखण्ड	—	975
भाग 6—बिल, जो भारतीय संसद में प्रस्तुत किए गए या प्रस्तुत किए जाने से पहले प्रकाशित किए गए तथा सिलेक्ट कमेटियों की रिपोर्ट	—	975
भाग 7—इलेक्शन कमीशन ऑफ इण्डिया की अनुविहित तथा अन्य निर्वाचन सम्बन्धी विज्ञप्तियां	—	975
भाग 8—सूचना एवं अन्य वैयक्तिक विज्ञापन आदि	213	975
स्टोर्स पर्वेज—स्टोर्स पर्वेज विभाग का क्रोड़-पत्र आदि	—	1425

भाग 1

विज्ञप्ति-अवकाश, नियुक्ति, स्थान-नियुक्ति, स्थानान्तरण, अधिकार और दूसरे वैयक्तिक नोटिस

श्रम अनुभाग

नियुक्ति/तैनाती

21 अगस्त, 2018 ई0

संख्या 1081/VIII/18-13(ई0एस0आई0)/2018-उत्तराखण्ड चिकित्सा सेवा चयन बोर्ड द्वारा कर्मचारी राज्य बीमा योजना के अन्तर्गत वेतनबैण्ड-3, सादृश्य वेतनमान ₹ 15,600-39,100, ग्रेड वेतन ₹ 5,400/- (सातवें वेतनमान ₹ 56,100-1,77,500, लेवल-10) में चिकित्साधिकारी (एलोपैथिक) के पद हेतु संस्तुत, डॉ0 रेखा रावत को कार्यभार ग्रहण करने की तिथि से चिकित्साधिकारी, एलोपैथिक के पद पर अस्थाई रूप से निम्न शर्तों/प्रतिबन्धों के अधीन नियुक्त कर, निम्न तालिका के कॉलम-6 में अंकित स्थान पर तैनात किए जाने की श्री राज्यपाल महोदय सहर्ष स्वीकृति प्रदान करते हैं:-

क्र0 सं0	चयनित चिकित्साधिकारी का नाम	गृह जनपद	स्थाई पता	पत्र व्यवहार का पता	तैनाती स्थान
1	2	3	4	5	6
1.	डॉ0 रेखा रावत पुत्री श्री सुरेन्द्र सिंह रावत	देहरादून	48-ई, मित्रलोक कॉलोनी, बल्लूपुर रोड, देहरादून, उत्तराखण्ड 248001	48-ई, मित्रलोक कॉलोनी, बल्लूपुर रोड, देहरादून, उत्तराखण्ड 248001	क0रा0बी0आई0, भगवानपुर

- (1) यदि डॉ0 रेखा रावत के चरित्र सत्यापन एवं पूर्ववृत्त के सत्यापन के पश्चात् चरित्र एवं पूर्ववृत्त सेवा में नियुक्ति हेतु उपयुक्त नहीं पाया जाता है, तो उनकी यह नियुक्ति/सेवा उत्तराखण्ड अस्थाई सरकारी सेवक (सेवा समाप्ति) नियमावली, 2003 के प्राविधानों के अनुसार निरस्त/समाप्त कर दी जायेगी।
- (2) संबंधित अभ्यर्थी द्वारा इस आशय का शपथ-पत्र प्रस्तुत किया जायेगा कि यदि चरित्र एवं पूर्ववृत्त सत्यापन की रिपोर्ट एवं अन्य जाति प्रमाण-पत्र अथवा स्थाई निवास प्रमाण-पत्र के सत्यापनोपरान्त कोई प्रतिकूल तथ्य संज्ञान में आता है, तो उनका नियुक्ति आदेश निरस्त किए जाने की कार्यवाही की जायेगी और इस संबंध में उनका कोई भी दावा स्वीकार्य नहीं होगा।
- (3) सम्बन्धित अभ्यर्थी का स्वास्थ्य परीक्षण, मण्डलीय मेडिकल बोर्ड द्वारा किया जायेगा और उक्त बोर्ड द्वारा स्वस्थ घोषित किए जाने के उपरान्त ही उन्हें कार्यभार ग्रहण कराने दिया जायेगा। अभ्यर्थी अपने नियुक्ति-पत्र सहित अपनी तैनाती के अपर मण्डलीय निदेशक से सम्पर्क कर स्वास्थ्य परीक्षण हेतु उपस्थित होंगे। अपर मण्डलीय निदेशक द्वारा मण्डलीय मेडिकल बोर्ड से वांछित परीक्षण कराकर, अभ्यर्थी का स्वास्थ्य प्रमाण-पत्र संबंधित अधिकारी को उपलब्ध करा दिया जायेगा किन्तु मेडिकल बोर्ड द्वारा अस्थाई रूप से अयोग्य घोषित किए गए अभ्यर्थी का प्रकरण राज्य स्तरीय मेडिकल बोर्ड से स्वास्थ्य परीक्षण कराये जाने हेतु शासन को संदर्भित किया जायेगा।
- (4) नियुक्त किए जा रहे चिकित्साधिकारी को उक्त वेतनमान में वेतन के अतिरिक्त समय-समय पर जारी शासनादेशों के अन्तर्गत अनुमन्य महंगाई भत्ते तथा अन्य भत्ते भी देय होंगे। उत्तराखण्ड सरकार, चिकित्सक (एलोपैथिक) प्राइवेट प्रैक्टिस पर उत्तर प्रदेश निर्बन्धन नियमावली, 1983 (यथा उत्तराखण्ड में लागू) के अन्तर्गत प्राइवेट प्रैक्टिस की अनुमति नहीं होगी और नियमानुसार प्रैक्टिस बन्दी भत्ता देय होगा।
- (5) सम्बन्धित अभ्यर्थी को दो वर्ष की अवधि के लिए परीक्षा पर रखा जायेगा, जिसे यथास्थिति राज्य सरकार के नियमानुसार बढ़ाया भी जा सकता है।

- (6) सम्बन्धित नवनियुक्त अभ्यर्थी 01 माह के अन्दर अपने पद का कार्यभार अवश्य ग्रहण कर लें। इस अवधि के भीतर वे अपनी तैनाती हेतु निदेशक, कर्मचारी राज्य बीमा, उत्तराखण्ड, देहरादून के समक्ष उपस्थित होंगे तथा प्रस्तर (8) में अंकित सभी प्रमाण-पत्र प्रस्तुत करेंगे। यदि वे इस अवधि के भीतर अपनी तैनाती हेतु निदेशक को अपनी योगदान की सूचना नहीं देते हैं, तो उनका अभ्यर्थन समाप्त हो जायेगा।
- (7) नियुक्ति स्थान पर कार्यभार ग्रहण करने हेतु अभ्यर्थी को किसी प्रकार का यात्रा भत्ता आदि देय नहीं होगा।
- (8) अभ्यर्थी को कार्यभार ग्रहण करने से पूर्व निम्न प्रमाण-पत्र प्रस्तुत करने होंगे:-
- (I) अभियोजन न चलाये जाने तथा न्यायालय द्वारा दण्डित न किए जाने के संबंध में एक घोषणा-पत्र।
 - (II) उत्तराखण्ड मेडिकल काउन्सिल द्वारा किए गए स्थाई रजिस्ट्रेशन की दो प्रतियाँ।
 - (III) ओथ एलिजियन्स का प्रमाण-पत्र।
 - (IV) सीक्रेट एक्ट की जानकारी होने का प्रमाण-पत्र।
 - (V) चल तथा अचल सम्पत्ति का प्रमाण-पत्र।
 - (VI) लिखित रूप से एक अन्डरटेकिंग कि यदि चरित्र एवं पूर्ववृत्त के सत्यापन के पश्चात् उन्हें सरकारी सेवा के लिए उपयुक्त नहीं पाया जाता है, तो उनकी यह नियुक्ति निरस्त कर दी जायेगी, जिसके लिए वह किसी क्षतिपूर्ति का हकदार नहीं होगा।
 - (VII) एक से अधिक जीवित पति/पत्नी न होने का घोषणा-पत्र।
 - (VIII) गढ़वाल/कुमायूँ के मण्डलीय मेडिकल बोर्ड द्वारा प्रदत्त स्वस्थता प्रमाण-पत्र।
 - (IX) शैक्षिक योग्यता, आयु, स्थाई निवासी एवं जाति से संबंधित प्रमाण-पत्रों की एक-एक प्रमाणित प्रतियाँ एवं उनके सत्यापन हेतु समस्त मूल प्रमाण-पत्र।
 - (X) दो ऐसे राजपत्रित अधिकारियों द्वारा प्रदत्त चरित्र प्रमाण-पत्र, जो सक्रिय सेवा में हो और उनके निजी जीवन से पूर्णरूप से परिचित हो, किन्तु उनके संबंधी या रिश्तेदार न हों।
 - (XI) केन्द्र/राज्य सरकार के अधीन की गई सेवाओं का अद्यतन घोषणा-पत्र।

2. कर्मचारी राज्य बीमा योजना के अन्तर्गत तैनात किए जा रहे अभ्यर्थी की पारस्परिक ज्येष्ठता उत्तराखण्ड चिकित्सा सेवा चयन बोर्ड से प्राप्त योग्यता क्रम के आधार पर इस संबंध में प्रभावी नियमों के आधार पर अवधारित की जायेगी।

नियुक्ति/तैनाती

21 अगस्त, 2018 ई0

संख्या 1087/VIII/18-14 (ई0एस0आई0)/2018-उत्तराखण्ड चिकित्सा सेवा चयन बोर्ड द्वारा कर्मचारी राज्य बीमा योजना के अन्तर्गत वेतनबैण्ड-3, सादृश्य वेतनमान ₹ 15,600-39,100, ग्रेड वेतन ₹ 5,400/- (सातवें वेतनमान ₹ 56,100-1,77,500, लेवल-10) में चिकित्साधिकारी (एलोपैथिक) के पद हेतु संस्तुत, डॉ0 सरफराज हुसैन को कार्यभार ग्रहण करने की तिथि से चिकित्साधिकारी, एलोपैथिक के पद पर अस्थाई रूप से निम्न शर्तों/प्रतिबन्धों के अधीन नियुक्त कर, अग्रसारित तालिका के कॉलम-6 में अंकित स्थान पर तैनात किए जाने की श्री राज्यपाल महोदय सहर्ष स्वीकृति प्रदान करते हैं:-

क्र० सं०	चयनित चिकित्साधिकारी का नाम	गृह जनपद	स्थायी पता	पत्र व्यवहार का पता	तैनाती स्थान
1	2	3	4	5	6
1.	डॉ० सरफराज हुसैन पुत्र मौ० अय्यूब	देहरादून	म० नं०-98, मार्टनडेल, विकासनगर, देहरादून, उत्तराखण्ड 248198	रूम नं० 39, जे०आर० हॉस्टल, SGRR मेडिकल कैम्पस, पटेल नगर, देहरादून, उत्तराखण्ड-248001	क०रा०बी०ओ०, रुद्रपुर-2

- (1) यदि डॉ० सरफराज हुसैन के चरित्र सत्यापन एवं पूर्ववृत्त के सत्यापन के पश्चात् चरित्र एवं पूर्ववृत्त सेवा में नियुक्ति हेतु उपयुक्त नहीं पाया जाता है, तो उनकी यह नियुक्ति/सेवा, उत्तराखण्ड अस्थाई सरकारी सेवक (सेवा समाप्ति) नियमावली, 2003 के प्राविधानों के अनुसार निरस्त/समाप्त कर दी जायेगी।
- (2) संबंधित अभ्यर्थी द्वारा इस आशय का शपथ-पत्र प्रस्तुत किया जायेगा कि यदि चरित्र एवं पूर्ववृत्त सत्यापन की रिपोर्ट एवं अन्य जाति प्रमाण-पत्र अथवा स्थाई निवास प्रमाण-पत्र के सत्यापनोपरान्त कोई प्रतिकूल तथ्य संज्ञान में आता है, तो उनका नियुक्ति आदेश निरस्त किए जाने की कार्यवाही की जायेगी और इस संबंध में उनका कोई भी दावा स्वीकार्य नहीं होगा।
- (3) सम्बन्धित अभ्यर्थी का स्वास्थ्य परीक्षण, मण्डलीय मेडिकल बोर्ड द्वारा किया जायेगा और उक्त बोर्ड द्वारा स्वस्थ घोषित किए जाने के उपरान्त ही उन्हें कार्यभार ग्रहण कराने दिया जायेगा। अभ्यर्थी अपने नियुक्ति-पत्र सहित अपनी तैनाती के अपर मण्डलीय निदेशक से सम्पर्क कर स्वास्थ्य परीक्षण हेतु उपस्थित होंगे। अपर मण्डलीय निदेशक द्वारा मण्डलीय मेडिकल बोर्ड से वांछित परीक्षण कराकर, अभ्यर्थी का स्वास्थ्य प्रमाण-पत्र संबंधित अधिकारी को उपलब्ध करा दिया जायेगा किन्तु मेडिकल बोर्ड द्वारा अस्थाई रूप से अयोग्य घोषित किए गए अभ्यर्थी का प्रकरण राज्य स्तरीय मेडिकल बोर्ड से स्वास्थ्य परीक्षण कराये जाने हेतु शासन को संदर्भित किया जायेगा।
- (4) नियुक्त किए जा रहे चिकित्साधिकारी को उक्त वेतनमान में वेतन के अतिरिक्त समय-समय पर जारी शासनादेशों के अन्तर्गत अनुमन्य महंगाई भत्ते तथा अन्य भत्ते भी देय होंगे। उत्तराखण्ड सरकार, चिकित्सक (एलोपैथिक) प्राइवेट प्रैक्टिस पर उत्तर प्रदेश निर्बन्धन नियमावली, 1983 (यथा उत्तराखण्ड में लागू) के अन्तर्गत प्राइवेट प्रैक्टिस की अनुमति नहीं होगी और नियमानुसार प्रैक्टिस बन्दी भत्ता देय होगा।
- (5) सम्बन्धित अभ्यर्थी को दो वर्ष की अवधि के लिए परीक्षा पर रखा जायेगा, जिसे यथास्थिति राज्य सरकार के नियमानुसार बढ़ाया भी जा सकता है।
- (6) सम्बन्धित नवनियुक्त अभ्यर्थी 01 माह के अन्दर अपने पद का कार्यभार अवश्य ग्रहण कर लें। इस अवधि के भीतर वे अपनी तैनाती हेतु निदेशक, कर्मचारी राज्य बीमा, उत्तराखण्ड, देहरादून के समक्ष उपस्थित होंगे तथा प्रस्तर (8) में अंकित सभी प्रमाण-पत्र प्रस्तुत करेंगे। यदि वे इस अवधि के भीतर अपनी तैनाती हेतु निदेशक को अपनी योगदान की सूचना नहीं देते हैं, तो उनका अभ्यर्थन समाप्त हो जायेगा।
- (7) नियुक्ति स्थान पर कार्यभार ग्रहण करने हेतु अभ्यर्थी को किसी प्रकार का यात्रा भत्ता आदि देय नहीं होगा।
- (8) अभ्यर्थी को कार्यभार ग्रहण करने से पूर्व निम्न प्रमाण-पत्र प्रस्तुत करने होंगे:-
 - (i) अभियोजन न चलाये जाने तथा न्यायालय द्वारा दण्डित न किए जाने के संबंध में एक घोषणा-पत्र।
 - (ii) उत्तराखण्ड मेडिकल काउन्सिल द्वारा किए गए स्थाई रजिस्ट्रेशन की दो प्रतियाँ।
 - (iii) ओथ एलिजियन्स का प्रमाण-पत्र।
 - (iv) सीक्रेट एक्ट की जानकारी होने का प्रमाण-पत्र।

- (V) चल तथा अचल सम्पत्ति का प्रमाण-पत्र।
- (VI) लिखित रूप से एक अन्डरटेकिंग कि यदि चरित्र एवं पूर्ववृत्त के सत्यापन के पश्चात् उन्हें सरकारी सेवा के लिए उपयुक्त नहीं पाया जाता है, तो उनकी यह नियुक्ति निरस्त कर दी जायेगी, जिसके लिए वह किसी क्षतिपूर्ति का हकदार नहीं होगा।
- (VII) एक से अधिक जीवित पति/पत्नी न होने का घोषणा-पत्र।
- (VIII) गढ़वाल/कुमायूँ के मण्डलीय मेडिकल बोर्ड द्वारा प्रदत्त स्वस्थता प्रमाण-पत्र।
- (IX) शैक्षिक योग्यता, आयु, स्थाई निवासी एवं जाति से संबंधित प्रमाण-पत्रों की एक-एक प्रमाणित प्रतियाँ एवं उनके सत्यापन हेतु समस्त मूल प्रमाण-पत्र।
- (X) दो ऐसे राजपत्रित अधिकारियों द्वारा प्रदत्त चरित्र प्रमाण-पत्र, जो सक्रिय सेवा में हो और उनके निजी जीवन से पूर्णरूप से परिचित हो, किन्तु उनके संबंधी या रिश्तेदार न हों।
- (XI) केन्द्र/राज्य सरकार के अधीन की गई सेवाओं का अद्यतन घोषणा-पत्र।

2. कर्मचारी राज्य बीमा योजना के अन्तर्गत तैनात किए जा रहे अभ्यर्थी की पारस्परिक ज्येष्ठता उत्तराखण्ड चिकित्सा सेवा चयन बोर्ड से प्राप्त योग्यता क्रम के आधार पर इस संबंध में प्रभावी नियमों के आधार पर अवधारित की जायेगी।

नियुक्ति/तैनाती

21 अगस्त, 2018 ई०

संख्या 1088/VIII/18-15 (ई०एस०आई०)/2018-उत्तराखण्ड चिकित्सा सेवा चयन बोर्ड द्वारा कर्मचारी राज्य बीमा योजना के अन्तर्गत वेतनबैण्ड-3, सादृश्य वेतनमान ₹ 15,600-39,100, ग्रेड वेतन ₹ 5,400/- (सातवें वेतनमान ₹ 56,100-1,77,500, लेवल-10) में चिकित्साधिकारी (एलोपैथिक) के पद हेतु संस्तुत, डॉ० अभिनव कुमार को कार्यभार ग्रहण करने की तिथि से चिकित्साधिकारी, एलोपैथिक के पद पर अस्थाई रूप से निम्न शर्तों/प्रतिबन्धों के अधीन नियुक्त कर, निम्न तालिका के कॉलम-6 में अंकित स्थान पर तैनात किए जाने की श्री राज्यपाल महोदय सहर्ष स्वीकृति प्रदान करते हैं:-

क्र० सं०	चयनित चिकित्साधिकारी का नाम	गृह जनपद	स्थायी पता	पत्र व्यवहार का पता	तैनाती स्थान
1	2	3	4	5	6
1.	डॉ० अभिनव कुमार पुत्र श्री रमन कुमार	देहरादून	26, पंचशील पार्क, पो०ओ० न्यू फोरेस्ट, FRI, चकराता रोड, देहरादून, उत्तराखण्ड-248006	26, पंचशील पार्क, पो०ओ० न्यू फोरेस्ट, FRI, चकराता रोड, देहरादून, उत्तराखण्ड-248006	क०रा०बी०ओ०, रुड़की

- (1) यदि डॉ० अभिनव कुमार के चरित्र सत्यापन एवं पूर्ववृत्त के सत्यापन के पश्चात् चरित्र एवं पूर्ववृत्त सेवा में नियुक्ति हेतु उपयुक्त नहीं पाया जाता है, तो उनकी यह नियुक्ति/सेवा, उत्तराखण्ड अस्थाई सरकारी सेवक (सेवा समाप्ति) नियमावली, 2003 के प्राविधानों के अनुसार निरस्त/समाप्त कर दी जायेगी।
- (2) संबंधित अभ्यर्थी द्वारा इस आशय का शपथ-पत्र प्रस्तुत किया जायेगा कि यदि चरित्र एवं पूर्ववृत्त सत्यापन की रिपोर्ट एवं अन्य जाति प्रमाण-पत्र अथवा स्थाई निवास प्रमाण-पत्र के सत्यापनोपरान्त कोई प्रतिकूल तथ्य संज्ञान में आता है, तो उनका नियुक्ति आदेश निरस्त किए जाने की कार्यवाही की जायेगी और इस संबंध में उनका कोई भी दावा स्वीकार्य नहीं होगा।

- (3) सम्बन्धित अभ्यर्थी का स्वास्थ्य परीक्षण, मण्डलीय मेडिकल बोर्ड द्वारा किया जायेगा और उक्त बोर्ड द्वारा स्वस्थ घोषित किए जाने के उपरान्त ही उन्हें कार्यभार ग्रहण कराने दिया जायेगा। अभ्यर्थी अपने नियुक्ति-पत्र सहित अपनी तैनाती के अपर मण्डलीय निदेशक से सम्पर्क कर स्वास्थ्य परीक्षण हेतु उपस्थित होंगे। अपर मण्डलीय निदेशक द्वारा मण्डलीय मेडिकल बोर्ड से वांछित परीक्षण कराकर, अभ्यर्थी का स्वास्थ्य प्रमाण-पत्र संबंधित अधिकारी को उपलब्ध करा दिया जायेगा किन्तु मेडिकल बोर्ड द्वारा अस्थाई रूप से अयोग्य घोषित किए गए अभ्यर्थी का प्रकरण राज्य स्तरीय मेडिकल बोर्ड से स्वास्थ्य परीक्षण कराये जाने हेतु शासन को संदर्भित किया जायेगा।
- (4) नियुक्त किए जा रहे चिकित्साधिकारी को उक्त वेतनमान में वेतन के अतिरिक्त समय-समय पर जारी शासनादेशों के अन्तर्गत अनुमन्य महंगाई भत्ते तथा अन्य भत्ते भी देय होंगे। उत्तराखण्ड सरकार, चिकित्सक (एलोपैथिक) प्राइवेट प्रैक्टिस पर उत्तर प्रदेश निर्बन्धन नियमावली, 1983 (यथा उत्तराखण्ड में लागू) के अन्तर्गत प्राइवेट प्रैक्टिस की अनुमति नहीं होगी और नियमानुसार प्रैक्टिस बन्दी भत्ता देय होगा।
- (5) सम्बन्धित अभ्यर्थी को दो वर्ष की अवधि के लिए परीक्षा पर रखा जायेगा, जिसे यथास्थिति राज्य सरकार के नियमानुसार बढ़ाया भी जा सकता है।
- (6) सम्बन्धित नवनियुक्त अभ्यर्थी 01 माह के अन्दर अपने पद का कार्यभार अवश्य ग्रहण कर लें। इस अवधि के भीतर वे अपनी तैनाती हेतु निदेशक, कर्मचारी राज्य बीमा, उत्तराखण्ड, देहरादून के समक्ष उपस्थित होंगे तथा प्रस्तर (8) में अंकित सभी प्रमाण-पत्र प्रस्तुत करेंगे। यदि वे इस अवधि के भीतर अपनी तैनाती हेतु निदेशक को अपनी योगदान की सूचना नहीं देते हैं, तो उनका अभ्यर्थन समाप्त हो जायेगा।
- (7) नियुक्ति स्थान पर कार्यभार ग्रहण करने हेतु अभ्यर्थी को किसी प्रकार का यात्रा भत्ता आदि देय नहीं होगा।
- (8) अभ्यर्थी को कार्यभार ग्रहण करने से पूर्व निम्न प्रमाण-पत्र प्रस्तुत करने होंगे:-
 - (I) अभियोजन न चलाये जाने तथा न्यायालय द्वारा दण्डित न किए जाने के संबंध में एक घोषणा-पत्र।
 - (II) उत्तराखण्ड मेडिकल काउन्सिल द्वारा किए गए स्थाई रजिस्ट्रेशन की दो प्रतियाँ।
 - (III) ओथ एलिजियन्स का प्रमाण-पत्र।
 - (IV) सीक्रेट एक्ट की जानकारी होने का प्रमाण-पत्र।
 - (V) चल तथा अचल सम्पत्ति का प्रमाण-पत्र।
 - (VI) लिखित रूप से एक अन्डरटेकिंग कि यदि चरित्र एवं पूर्ववृत्त के सत्यापन के पश्चात् उन्हें सरकारी सेवा के लिए उपयुक्त नहीं पाया जाता है, तो उनकी यह नियुक्ति निरस्त कर दी जायेगी, जिसके लिए वह किसी क्षतिपूर्ति का हकदार नहीं होगा।
 - (VII) एक से अधिक जीवित पति/पत्नी न होने का घोषणा-पत्र।
 - (VIII) गढ़वाल/कुमायूँ के मण्डलीय मेडिकल बोर्ड द्वारा प्रदत्त स्वस्थता प्रमाण-पत्र।
 - (IX) शैक्षिक योग्यता, आयु, स्थाई निवासी एवं जाति से संबंधित प्रमाण-पत्रों की एक-एक प्रमाणित प्रतियाँ एवं उनके सत्यापन हेतु समस्त मूल प्रमाण-पत्र।
 - (X) दो ऐसे राजपत्रित अधिकारियों द्वारा प्रदत्त चरित्र प्रमाण-पत्र, जो सक्रिय सेवा में हो और उनके निजी जीवन से पूर्णरूप से परिचित हो, किन्तु उनके संबंधी या रिश्तेदार न हों।
 - (XI) केन्द्र/राज्य सरकार के अधीन की गई सेवाओं का अद्यतन घोषणा-पत्र।

2. कर्मचारी राज्य बीमा योजना के अन्तर्गत तैनात किए जा रहे अभ्यर्थी की पारस्परिक ज्येष्ठता उत्तराखण्ड चिकित्सा सेवा चयन बोर्ड से प्राप्त योग्यता क्रम के आधार पर इस संबंध में प्रभावी नियमों के आधार पर अवधारित की जायेगी।

नियुक्ति/तैनाती

21 अगस्त, 2018 ई0

संख्या 1089/VIII/18-16 (ई0एस0आई0)/2018-उत्तराखण्ड चिकित्सा सेवा चयन बोर्ड द्वारा कर्मचारी राज्य बीमा योजना के अन्तर्गत वेतनबैण्ड-3, सादृश्य वेतनमान ₹ 15,600-39,100, ग्रेड वेतन ₹ 5,400/- (सातवें वेतनमान ₹ 56,100-1,77,500, लेवल-10) में चिकित्साधिकारी (एलोपैथिक) के पद हेतु संस्तुत, डॉ0 नवीन बालिवान को कार्यभार ग्रहण करने की तिथि से चिकित्साधिकारी, एलोपैथिक के पद पर अस्थाई रूप से निम्न शर्तों/प्रतिबन्धों के अधीन नियुक्त कर, निम्न तालिका के कॉलम-6 में अंकित स्थान पर तैनात किए जाने की श्री राज्यपाल महोदय सहर्ष स्वीकृति प्रदान करते हैं:-

क्र० सं०	चयनित चिकित्साधिकारी का नाम	गृह जनपद	स्थाई पता	पत्र व्यवहार का पता	तैनाती स्थान
1	2	3	4	5	6
1.	डॉ० नवीन बलिवान पुत्र श्री राजेन्द्र बालिवान	देहरादून	पुत्र श्री राजेन्द्र बलिवान, पो०आ० IPE, प्राइमरी स्कूल के पास, कौलागढ़, देहरादून, उत्तराखण्ड 248001	पुत्र श्री राजेन्द्र बलिवान, पो०आ० IPE, प्राइमरी स्कूल के पास, कौलागढ़, देहरादून, उत्तराखण्ड 248001	क०रा०बी०आ०, लक्सर

- (1) डॉ० नवीन बालिवान के चरित्र सत्यापन एवं पूर्ववृत्त के सत्यापन के पश्चात् चरित्र एवं पूर्ववृत्त सेवा में नियुक्ति हेतु उपयुक्त नहीं पाया जाता है, तो उनकी यह नियुक्ति/सेवा, उत्तराखण्ड अस्थाई सरकारी सेवक (सेवा समाप्ति) नियमावली, 2003 के प्राविधानों के अनुसार निरस्त/समाप्त कर दी जायेगी।
- (2) संबंधित अभ्यर्थी द्वारा इस आशय का शपथ-पत्र प्रस्तुत किया जायेगा कि यदि चरित्र एवं पूर्ववृत्त सत्यापन की रिपोर्ट एवं अन्य जाति प्रमाण-पत्र अथवा स्थाई निवास प्रमाण-पत्र के सत्यापनोपरान्त कोई प्रतिकूल तथ्य संज्ञान में आता है, तो उनका नियुक्ति आदेश निरस्त किए जाने की कार्यवाही की जायेगी और इस संबंध में उनका कोई भी दावा स्वीकार्य नहीं होगा।
- (3) सम्बन्धित अभ्यर्थी का स्वास्थ्य परीक्षण, मण्डलीय मेडिकल बोर्ड द्वारा किया जायेगा और उक्त बोर्ड द्वारा स्वस्थ घोषित किए जाने के उपरान्त ही उन्हें कार्यभार ग्रहण कराने दिया जायेगा। अभ्यर्थी अपने नियुक्ति-पत्र सहित अपनी तैनाती के अपर मण्डलीय निदेशक से सम्पर्क कर स्वास्थ्य परीक्षण हेतु उपस्थित होंगे। अपर मण्डलीय निदेशक द्वारा मण्डलीय मेडिकल बोर्ड से वांछित परीक्षण कराकर, अभ्यर्थी का स्वास्थ्य प्रमाण-पत्र संबंधित अधिकारी को उपलब्ध करा दिया जायेगा किन्तु मेडिकल बोर्ड द्वारा अस्थाई रूप से अयोग्य घोषित किए गए अभ्यर्थी का प्रकरण राज्य स्तरीय मेडिकल बोर्ड से स्वास्थ्य परीक्षण कराये जाने हेतु शासन को संदर्भित किया जायेगा।
- (4) नियुक्त किए जा रहे चिकित्साधिकारी को उक्त वेतनमान में वेतन के अतिरिक्त समय-समय पर जारी शासनादेशों के अन्तर्गत अनुमन्य महंगाई भत्ते तथा अन्य भत्ते भी देय होंगे। उत्तराखण्ड सरकार, चिकित्सक (एलोपैथिक) प्राइवेट प्रैक्टिस पर उत्तर प्रदेश निर्बन्धन नियमावली, 1983 (यथा उत्तराखण्ड में लागू) के अन्तर्गत प्राइवेट प्रैक्टिस की अनुमति नहीं होगी और नियमानुसार प्रैक्टिस बन्दी भत्ता देय होगा।
- (5) सम्बन्धित अभ्यर्थी को दो वर्ष की अवधि के लिए परीक्षा पर रखा जायेगा, जिसे यथास्थिति राज्य सरकार के नियमानुसार बढ़ाया भी जा सकता है।
- (6) सम्बन्धित नवनियुक्त अभ्यर्थी 01 माह के अन्दर अपने पद का कार्यभार अवश्य ग्रहण कर लें। इस अवधि के भीतर वे अपनी तैनाती हेतु निदेशक, कर्मचारी राज्य बीमा, उत्तराखण्ड, देहरादून के समक्ष उपस्थित होंगे तथा प्रस्तर (8) में अंकित सभी प्रमाण-पत्र प्रस्तुत करेंगे। यदि वे इस अवधि के भीतर अपनी तैनाती हेतु निदेशक को अपनी योगदान की सूचना नहीं देते हैं, तो उनका अभ्यर्थन समाप्त हो जायेगा।

(7) नियुक्ति स्थान पर कार्यभार ग्रहण करने हेतु अभ्यर्थी को किसी प्रकार का यात्रा भत्ता आदि देय नहीं होगा।

(8) अभ्यर्थी को कार्यभार ग्रहण करने से पूर्व निम्न प्रमाण-पत्र प्रस्तुत करने होंगे:-

- (I) अभियोजन न चलाये जाने तथा न्यायालय द्वारा दण्डित न किए जाने के संबंध में एक घोषणा-पत्र।
- (II) उत्तराखण्ड मेडिकल काउन्सिल द्वारा किए गए स्थाई रजिस्ट्रेशन की दो प्रतियाँ।
- (III) ओथ एलिजियन्स का प्रमाण-पत्र।
- (IV) सीक्रेट एक्ट की जानकारी होने का प्रमाण-पत्र।
- (V) चल तथा अचल सम्पत्ति का प्रमाण-पत्र।
- (VI) लिखित रूप से एक अन्डरटेकिंग कि यदि चरित्र एवं पूर्ववृत्त के सत्यापन के पश्चात् उन्हें सरकारी सेवा के लिए उपयुक्त नहीं पाया जाता है, तो उनकी यह नियुक्ति निरस्त कर दी जायेगी, जिसके लिए वह किसी क्षतिपूर्ति का हकदार नहीं होगा।
- (VII) एक से अधिक जीवित पति/पत्नी न होने का घोषणा-पत्र।
- (VIII) गढ़वाल/कुमायूँ के मण्डलीय मेडिकल बोर्ड द्वारा प्रदत्त स्वस्थता प्रमाण-पत्र।
- (X) शैक्षिक योग्यता, आयु, स्थाई निवासी एवं जाति से संबंधित प्रमाण-पत्रों की एक-एक प्रमाणित प्रतियाँ एवं उनके सत्यापन हेतु समस्त मूल प्रमाण-पत्र।
- (X) दो ऐसे राजपत्रित अधिकारियों द्वारा प्रदत्त चरित्र प्रमाण-पत्र, जो सक्रिय सेवा में हो और उनके निजी जीवन से पूर्णरूप से परिचित हो, किन्तु उनके संबंधी या रिश्तेदार न हों।
- (XI) केन्द्र/राज्य सरकार के अधीन की गई सेवाओं का अद्यतन घोषणा-पत्र।

2. कर्मचारी राज्य बीमा योजना के अन्तर्गत तैनात किए जा रहे अभ्यर्थी की पारस्परिक ज्येष्ठता उत्तराखण्ड चिकित्सा सेवा चयन बोर्ड से प्राप्त योग्यता क्रम के आधार पर इस संबंध में प्रभावी नियमों के आधार पर अवधारित की जायेगी।

आज्ञा से,

हरबंस सिंह चुघ,
सचिव।

सचिवालय प्रशासन (अधिष्ठान) अनुभाग-4

कार्यभार-प्रमाणक

17 जुलाई, 2018 ई0

संख्या 104/नि0स0-अ0सचिव/2018-प्रमाणित किया जाता है कि सचिवालय प्रशासन (अधिष्ठान) अनुभाग-4 के प्रोन्नति/विज्ञप्ति आदेश संख्या-871/XXXI(4)/18/06(विविध)15, दिनांक 17 जुलाई, 2018, जैसा कि इसमें व्यक्त किया गया है, के क्रम में निजी सचिव के पद पर वेतनमान ₹ 56,100-1,77,500, पे मैट्रिक्स लेबल-10 में आज दिनांक 17.07.2018 की पूर्वाह्न में कार्यभार ग्रहण किया गया।

अवमोचक अधिकारी

हरीश कुमार

प्रति हस्ताक्षरित

बी0 आर0 टम्टा,

अपर सचिव।

प्रोन्नति / विज्ञप्ति

17 जुलाई, 2018 ई0

संख्या 871/XXXI(4)/18/06 (विविध)/2015-उत्तराखण्ड सचिवालय सेवा के अन्तर्गत नियुक्त निम्नलिखित अपर निजी सचिवों, वेतनमान ₹ 47,600-1,51,100, पे मैट्रिक्स लेवल-8 को विभागीय चयन समिति की संस्तुति पर नियमित चयनोपरान्त निजी सचिव के रिक्त पदों पर वेतनमान ₹ 56,100-1,77,500, पे मैट्रिक्स लेवल-10 में कार्यभार ग्रहण करने की तिथि से अस्थाई रूप से पदोन्नत किए जाने की श्री राज्यपाल महोदय सहर्ष स्वीकृति प्रदान करते हैं:-

1. श्री जितेन्द्र कुमार पाण्डेय
2. श्री नयनदीप
3. श्री गणेश नौटियाल
4. श्री अजय कुमार कौशल
5. सुश्री सपना नेगी
6. श्री मनोज जोशी
7. श्री गौरव प्रसाद सेमवाल
8. श्री हरीश कुमार (ज्येष्ठता क्रमांक-123)
9. श्री सुरेश कुमार
10. श्रीमती हेमा नेगी
11. श्री नासिर हुसैन
12. श्री तारकेश्वर यादव
13. श्री नृपेन्द्र त्रिपाठी
14. श्री इन्द्र प्रताप सिंह
15. श्री अरूण कुमार पटेल
16. श्री कपिल कुमार चौहान
17. श्री टिकराज सिंह
18. श्री विकास कुमार
19. श्री रामकृष्ण प्रजापति
20. श्री गोविन्द सिंह
21. श्री चन्द्रमोहन सिंह नेगी
22. श्री योगराज सिंह
23. श्री रामगोपाल सिंह
24. श्री प्रभाशंकर
25. श्री नरेश कुमार (ज्येष्ठता क्रमांक-140)

2. उक्त पदोन्नति के फलस्वरूप संबंधित निजी सचिवों को उक्त पद पर 01 वर्ष की विहित परीक्षा अवधि पर रखा जाता है।

3. उक्त पदोन्नत कार्मिक वर्तमान तैनाती के स्थान पर तैनात रहेंगे तथा अपने वर्तमान तैनाती के स्थान पर ही कार्यभार ग्रहण करते हुए, सचिवालय प्रशासन (अधि0) अनुभाग-4, उत्तराखण्ड शासन को कार्यभार ग्रहण करने की सूचना उपलब्ध करायेंगे।

4. संबंधित कार्मिकों की उपरोक्तानुसार पदोन्नति श्री लाल सिंह नागरकोटी, निजी सचिव (तदर्थ) उत्तराखण्ड सचिवालय के प्रकरण में मा0 सक्षम न्यायालय में विचाराधीन वाद में मा0 सक्षम न्यायालय द्वारा पारित किए जाने वाले अन्तिम निर्णय के अधीन रहेंगी।

5. उपरोक्त कार्मिकों की पदोन्नति अस्थाई है। भारत सरकार द्वारा राज्य परामर्शीय समिति की संस्तुतियों के अनुसार यदि उ0प्र0 सचिवालय के अन्य कर्मी उत्तराखण्ड राज्य को आवंटित होते हैं अथवा किसी कार्मिक के विरुद्ध कोई प्रतिकूल तथ्य प्रकाश में आता है तो तदक्रम में वरिष्ठता प्रभावित होने की स्थिति में इन आदेशों को तत्क्रम में निर्धारित होने वाली वरिष्ठता के आधार पर यथावश्यक परिवर्तित/प्रत्यावर्तित/परमार्जित किया जायेगा।

आज्ञा से,

हरबंस सिंह चुघ,
सचिव।

कार्यभार—प्रमाणक

17 जुलाई, 2018 ई0

संख्या 180/नि0स0-सचिव प्रभारी/2018-प्रमाणित किया जाता है कि सचिवालय प्रशासन (अधिष्ठान) अनुभाग-4 के प्रोन्नति/विज्ञप्ति आदेश संख्या-871/XXXI(4)/18/06(विविध)15, दिनांक 17 जुलाई, 2018, जैसा कि इसमें व्यक्त किया गया है, के क्रम में निजी सचिव के पद पर वेतनमान ₹ 56,100-1,77,500, पे मैट्रिक्स लेवल-10 में आज दिनांक 17.07.2018 की पूर्वाह्न में कार्यभार ग्रहण किया गया।

अवमोचक अधिकारी
योगराज सिंह

प्रति हस्ताक्षरित
डॉ० रंजीत कुमार सिन्हा,
सचिव (प्रभारी)।

प्रोन्नति/विज्ञप्ति

17 जुलाई, 2018 ई0

संख्या 871/XXXI(4)/18/06 (विविध)/2015-उत्तराखण्ड सचिवालय सेवा के अन्तर्गत नियुक्त निम्नलिखित अपर निजी सचिवों, वेतनमान ₹ 47,600-1,51,100, पे मैट्रिक्स लेवल-8 को विभागीय चयन समिति की संस्तुति पर नियमित चयनोपरान्त निजी सचिव के रिक्त पदों पर वेतनमान ₹ 56,100-1,77,500, पे मैट्रिक्स लेवल-10 में कार्यभार ग्रहण करने की तिथि से अस्थाई रूप से पदोन्नत किए जाने की श्री राज्यपाल महोदय सहर्ष स्वीकृति प्रदान करते हैं:-

1. श्री जितेन्द्र कुमार पाण्डेय
2. श्री नयनदीप
3. श्री गणेश नौटियाल
4. श्री अजय कुमार कौशल
5. सुश्री सपना नेगी

6. श्री मनोज जोशी
7. श्री गौरव प्रसाद सेमवाल
8. श्री हरीश कुमार (ज्येष्ठता क्रमांक-123)
9. श्री सुरेश कुमार
10. श्रीमती हेमा नेगी
11. श्री नासिर हुसैन
12. श्री तारकेश्वर यादव
13. श्री नृपेन्द्र त्रिपाठी
14. श्री इन्द्र प्रताप सिंह
15. श्री अरुण कुमार पटेल
16. श्री कपिल कुमार चौहान
17. श्री टिकराज सिंह
18. श्री विकास कुमार
19. श्री रामकृष्ण प्रजापति
20. श्री गोविन्द सिंह
21. श्री चन्द्रमोहन सिंह नेगी
22. श्री योगराज सिंह
23. श्री रामगोपाल सिंह
24. श्री प्रभाशंकर
25. श्री नरेश कुमार (ज्येष्ठता क्रमांक-140)

2. उक्त पदोन्नति के फलस्वरूप संबंधित निजी सचिवों को उक्त पद पर 01 वर्ष की विहित परीक्षा अवधि पर रखा जाता है।

3. उक्त पदोन्नत कार्मिक वर्तमान तैनाती के स्थान पर तैनात रहेंगे तथा अपने वर्तमान तैनाती के स्थान पर ही कार्यभार ग्रहण करते हुए, सचिवालय प्रशासन (अधि0) अनुभाग-4, उत्तराखण्ड शासन को कार्यभार ग्रहण करने की सूचना उपलब्ध करायेंगे।

4. संबंधित कार्मिकों की उपरोक्तानुसार पदोन्नति श्री लाल सिंह नागरकोटी, निजी सचिव (तदर्थ) उत्तराखण्ड सचिवालय के प्रकरण में मा0 सक्षम न्यायालय में विचाराधीन वाद में मा0 सक्षम न्यायालय द्वारा पारित किए जाने वाले अन्तिम निर्णय के अधीन रहेंगी।

5. उपरोक्त कार्मिकों की पदोन्नति अस्थायी है। भारत सरकार द्वारा राज्य परामर्शीय समिति की संस्तुतियों के अनुसार यदि उ0प्र0 सचिवालय के अन्य कर्मी उत्तराखण्ड राज्य को आवंटित होते हैं अथवा किसी कार्मिक के विरुद्ध कोई प्रतिकूल तथ्य प्रकाश में आता है तो तदक्रम में वरिष्ठता प्रभावित होने की स्थिति में इन आदेशों को तत्क्रम में निर्धारित होने वाली वरिष्ठता के आधार पर यथावश्यक परिवर्तित/प्रत्यावर्तित/परमार्जित किया जायेगा।

आज्ञा से,

हरबंस सिंह चुध,

सचिव।

पी0एस0यू0 (आर0ई0) 38 हिन्दी गजट/507-भाग 1-2018 (कम्प्यूटर/रीजियो)।

मुद्रक एवम् प्रकाशक-अपर निदेशक, राजकीय मुद्रणालय, उत्तराखण्ड, रुड़की।



सरकारी गजट, उत्तराखण्ड

उत्तराखण्ड सरकार द्वारा प्रकाशित

रुड़की, शनिवार, दिनांक 22 सितम्बर, 2018 ई0 (भाद्रपद 31, 1940 शक सम्वत्)

भाग 1—क

नियम, कार्य-विधियां, आज्ञाएं, विज्ञप्तियां इत्यादि जिनको उत्तराखण्ड के राज्यपाल महोदय, विभिन्न विभागों के अध्यक्ष तथा राजस्व परिषद् ने जारी किया

UTTARAKHAND ELECTRICITY REGULATORY COMMISSION

NOTIFICATION

September 06, 2018

UERC (Tariff and Other Terms for Supply of Electricity from Renewable Energy Sources and non-fossil fuel based Co-generating Stations) Regulations, 2018

No. F-9 (28)/RG/UERC/2018/815—In exercise of the powers conferred under section 61(h), 86(1)(e) read with section 181 (zd) & (zp) of the Electricity Act, 2003, and all other powers enabling it in this behalf, and after previous publication, the Uttarakhand Electricity Regulatory Commission hereby makes the following regulations, namely:

CHAPTER 1

PRELIMINARY

1. Short title and commencement

- (1) These regulations may be called the Uttarakhand Electricity Regulatory Commission (Tariff and Other Terms for Supply of Electricity from Renewable Energy Sources and non-fossil fuel based Co-generating Stations) Regulations, 2018.
- (2) These regulations shall come into force with effect from the date of notification, and unless reviewed earlier or extended by the Commission, shall remain in force for a period of 5 years from the date of commencement.

2. Scope and extent of application

- (1) These regulations shall apply in all cases where supply of electricity is being made from Renewable Energy Based Generating Stations, commissioned after coming effect of these Regulations, to the distribution licensees or local rural grids within the State of Uttarakhand:

Provided that in cases of Wind, Small Hydro projects, Biomass power based on Rankine cycle, Non-Fossil Fuel based cogeneration projects, Solar PV, Canal Bank & Canal Top solar PV, Solar Thermal power projects, Grid Interactive Roof Top and Small Solar PV plants, Biomass gasifier and Biogas, Municipal Solid Waste and Refuse Derived Fuel based power project these Regulations shall apply subject to the fulfillment of eligibility criteria specified in Regulation 4 of these Regulations;

Provided further that Regulations in Chapter 4 & 5 (except clause (B) & (C) of sub-Regulation (1) of Regulation 26) of these Regulations shall not be applicable for generating stations commissioned prior to coming into effect of these Regulations and their existing tariffs shall continue to be applicable;

Provided also that clause (d) of sub-Regulation (3) of Regulation 10, 2nd & 3rd proviso of sub-Regulation 7 of Regulation 14 shall be applicable to such stations commissioned prior to coming into effect of these Regulations;

Provided that the tariff computation norms shall be in accordance with the Regulations prevalent during the year of commissioning of those stations;

Provided also that normative levelised tariff of 12 paise/unit, over and above the generic tariff, for solar thermal/PV generating stations as specified in Regulation 15(1)(c) shall also be applicable to such stations commissioned prior to coming into effect of these Regulations;

Provided also that the Regulations other than those in Chapter 4 and 5 shall apply to other generating stations located in the State of Uttarakhand, which are based on Renewable Sources of Energy including non-fossil fuel based Co-generation and which transmit and/or supply electricity to any person other than the distribution licensee of the State utilizing State Transmission and/or Distribution System.

- (2) The existing projects, which are at present supplying power to third party shall have the option to switch over to supply to the distribution licensee subject to provisions of Regulation 7 of these Regulations or the local rural grid, at generic tariffs as was applicable at the time of commissioning of their project or seek determination of project specific tariff from the Commission. The option shall be for the balance life of the project and shall not be allowed to be changed once it is exercised.
- (3) The generic tariff specified for Wind, Solar PV and Solar Thermal power projects under these Regulations shall be the maximum tariff and the distribution licensee/UREDA shall invite tariff based competitive bids from generators/developers for procurement of power from these generators/developers. The distribution licensee shall enter into a PPA with the generators/developers bidding lower tariff.

Provided that implementation of Canal Bank and Canal Top Solar PV Plants by the eligible government organization (as specified by MNRE) and implementation of solar PV plants by eligible government organization shall be done through tariff based competitive bidding process. In such cases PPA for sale of power from these plants shall be signed with distribution licensee at a tariff which shall be 10% higher than the tariff quoted by L-1 bidder;

Provided further that in no case PPA for purchase of power by the distribution licensee shall be executed at a tariff exceeding the ceiling tariff as specified by the Commission in accordance with the regulations.

- (4) The generating stations covered under these Regulations shall be deemed to be the generating station of a generating company and all functions, obligations & duties assigned to such generating company under the Electricity Act, 2003 shall apply to these generating stations.

3. Definitions

- (1) Unless the context otherwise requires, the words used in these Regulations shall have the following meaning:
- (a) "Act" means the Electricity Act, 2003 (36 of 2003);
 - (b) "Auxiliary energy consumption" or 'AUX' in relation to a period in case of a generating station means the quantum of energy consumed by auxiliary equipment of the generating station and transformer losses within the generating station, expressed as a percentage of the sum of gross energy generated at the generator terminals of all the units of the generating station;
 - (c) "Banking" means the process under which a captive generating station supplies power to the grid not with the intention of selling it either to a third party or to a licensee, but with the intention of exercising his eligibility to draw back this power from the grid for its own use.
 - (d) "Billing cycle or Billing period" means a period of one month for which electricity bills shall be prepared for each Eligible Consumers by the licensee;
 - (e) "Biomass" means waste produced during agricultural and forestry operations (for example straws, stalks, pine needle and lantana) or produced as a by-product of processing operations of agricultural produce (e.g., husks, shells, de-oiled cakes, etc); wood produced in dedicated energy plantations or recovered from wild bushes/weeds; and the wood waste produced in some industrial operations.
 - (f) "Biomass gasification" means a process of incomplete combustion of biomass resulting in production of combustible gases consisting of a mixture of Carbon monoxide (CO), Hydrogen (H₂) and traces of Methane (CH₄), which is called producer gas;

- (g) **"Biogas"** means a gas created when organic matter like crop residues, sewage and manure breaks down in an oxygen-free environment (ferments);
- (h) **"Capacity Utilisation Factor (CUF)"** shall mean the total energy sent out during the period expressed as a percentage of installed capacity reduced by the normative auxiliary consumption in that period.

$$CUF = \frac{ESO \times 10^7}{IC \times (100 - AUX) \times H} \%$$

Where,

ESO-Energy Sent Out Ex-bus, i.e. at interconnection point, in MU during the period,

IC- Installed capacity in MW,

AUX - % Normative Auxiliary Consumption

H - Number of hours in the period

- (i) **"Capital Cost"** means capital cost as defined under Regulation 15(1) of these Regulations.
- (j) **"Captive Generating Plant"** means a power plant set up by any person to generate electricity primarily for his own use and includes a power plant set up by any cooperative society or association of persons for generating electricity primarily for use of members of such cooperative society or association where not less than twenty six percent of the ownership is held by the captive user(s), and not less than fifty one percent of the aggregate electricity generated in such plant, determined on an annual basis, is consumed for the captive use.
- (k) **"Captive User"** means the end user of the electricity generated in a Captive Generating Plant primarily for his own use and the term "captive use" shall be construed accordingly.
- (l) **"Commission"** means the Uttarakhand Electricity Regulatory Commission;
- (m) **"Control Period or Review Period"** means the period during which the norms for determination of tariff specified in these Regulations shall remain valid;
- (n) **"Date of commercial operation or Commissioning (CoD)"** Date of commercial operation or Commissioning (CoD)" in relation to a unit means the date declared by the

generator on achieving maximum continuous rating through a successful trial run and in relation to the generating station, the date of commercial operation means the date of commercial operation of the last unit or block of generating station and expression 'commissioning' shall be construed accordingly.

Provided that in case of Small Hydro Plants the date of commissioning shall not be linked to achieving maximum continuous rating, nevertheless the generator will have to demonstrate the same within three years of commissioning.

Provided further that in case of Solar PV plant, date of commercial operation or Commissioning (CoD) shall be considered as the date of first injection of power into the licensee's grid after completion of project in all respect subsequent to compliance of all the following pre-requisites:

- (a) Installation of energy meter as certified by the concerned Executive Engineer of the distribution licensee.
- (b) Project completion report as verified by UREDA, the State nodal agency.
- (c) Issuance of Clearance Certificate by the Electrical Inspector.
- (d) Further, such generator has to demonstrate minimum 75% Performance Ratio based on the rated installed capacity in kW or MW at the time of inspection for initial commissioning.
- (o) **"Design Energy"** means the quantum of energy which can be generated in a 90% dependable year with 95% installed capacity of the hydro generating station;
- (p) **"Distribution Code"** means the UERC (Distribution Code) Regulations, 2018 specified under Section 14 of the Electricity Act 2003, read with Section 181 of the said Act and clause 18 of Distribution and Retail Supply Licence as amended from time to time;
- (q) **"Eligible Consumer"** means a consumer of electricity, in the area of supply of the distribution licensee, who has a rooftop or small solar system in its premises to offset part or all of its electrical requirements;
- (r) **"Expenditure incurred"** means the fund, whether the equity or debt or both, actually deployed and paid in cash or cash equivalent for creation or acquisition of a useful asset and does not include commitments or liabilities for which no payment has been released.
- (s) **"Force Majeure Event"** with respect to any event or circumstance which is not within the reasonable control of, or due to an act or omission of, that party and which,

by the exercise of reasonable care and due diligence, that party is not able to prevent, including, without limiting the generality of the foregoing:

- i. Acts of God like lightning, landslide, storm, action of the elements, earthquakes, flood, drought and natural disaster or exceptionally adverse weather conditions;
 - ii. Any act of public enemy, wars (declared or undeclared), blockades, embargo, insurrections, riots, revolution, sabotage, terrorist or military action, vandalism and civil disturbance;
 - iii. Unavoidable accident, fire, explosion, radioactive contamination and toxic dangerous chemical contamination;
 - iv. Any shutdown or interruption of the grid, which is required or directed by the State or Central Government or by the Commission or the State Load Despatch Centre; and any shut down or interruption, which is required to avoid serious and immediate risks of a significant plant or equipment failure.
- (t) **"Grid interactive roof top and small solar PV plants"** means Solar PV plants installed on the roof of buildings or premises thereof and connected to the grid.
- (u) **"Gross Calorific Value" or "GCV"** in relation to a fuel used in generating station means the heat produced in kCal by complete combustion of one kilogram of solid fuel or one litre of liquid fuel or one standard cubic meter of gaseous fuel, as the case may be;
- (v) **"Gross Station Heat Rate" or "GSHR"** means the heat energy input in kCal required to generate one kWh of electrical energy at generator terminals of a thermal generating station;
- (w) **"Hybrid Solar Thermal Power Plant"** means the solar thermal power plant that uses other forms of energy input sources alongwith solar thermal energy for electricity generation, and wherein not less than 75% of electricity is generated from solar energy component.
- (x) **"Hybrid Wind Solar Power Plant"** means the hybrid plant where Solar photovoltaic (PV) array coupled with a wind turbine and configured to operate at the same point of grid connection.
- (y) **"Indian Electricity Grid Code (IEGC)"** means the Grid Code specified by the Central Electricity Regulatory Commission under clause (h) of sub-section (1) of section 79 of the Act;

- (z) **"Infirm Power"** means electricity generated during trial runs prior to commercial operation of a unit of a generating station;
- (aa) **"Installed Capacity" or "IC"** means the summation of the name plate capacities of the units in the generating station or the capacity of the generating station (reckoned at the generator terminals);
- (bb) **"Inter-connection Point"** in respect of all the RE based generating stations, except Grid interactive Roof Top & Small Solar PV Power Projects, shall mean interface point of line isolator on outgoing feeder on HV side of generator transformer in the switching year of renewable energy generating facility with the transmission system or distribution system.

Provided that in respect of Grid interactive rooftop & Small Solar PV projects, Inter-connection Point shall mean the interface of solar power generation facility under net metering arrangement with the network of licensee and shall normally be the point where export/import meter is installed to measure the energy transfer between the licensee and the eligible consumer.

- (cc) **"MNRE"** means the Ministry of New and Renewable Energy of the Government of India;
- (dd) **"Municipal solid waste"** means and includes commercial and residential wastes generated in a municipal or notified areas in either solid or semi-solid form excluding industrial hazardous wastes but including treated bio-medical wastes;
- (ee) **"Non-fossil Fuel Based Co-generation"** means the process in which more than one form of energy (such as steam and electricity) are produced in a sequential manner by use of biomass provided the project may qualify to be a co-generation project if it fulfills the eligibility criteria as specified in Regulation 4(2)(e).
- (ff) **"Open Access"** means the non-discriminatory provision for the use of transmission lines or distribution system or associated facilities with such lines or system by any licensee or consumer or a person engaged in generation in accordance with the regulations specified by the Appropriate Commission;
- (gg) **"Open Access Regulations"** means the Uttarakhand Electricity Regulatory Commission (Terms and Conditions of Intra-State Open Access) Regulations, 2015 as amended from time to time;
- (hh) **"Operation and Maintenance Expenses" or "O&M Expenses"** means the expenditure incurred in operation and maintenance of the generating station or part thereof, including the expenditure on manpower, repairs, spares, consumables, insurance and overheads;

- (ii) **"Peak Hours/Off Peak Hours"** means particular hours of the day as may be decided by the Commission from time to time;
- (jj) **"Performance Ratio" (PR)** means the ratio of plant output versus installed plant capacity at any instance with respect to the radiation measured.

$$PR = \frac{\text{Measure output in kW}}{\text{Installed Plant capacity in kW}} \times \frac{1000 \text{ W/m}^2}{\text{Measured radiation intensity in W/m}^2}$$

- (kk) **"Power Purchase Agreement" or "PPA"** means a long term agreement between a generating company and a distribution licensee for supply of power on the terms and conditions specified therein and with the provision that the tariff for sale of power shall be as determined by the Commission from time to time;
- (ll) **"Premises"** means the land, building or infrastructure or part or combination thereof including the rooftops or/and elevated areas owned by the Eligible Consumer;
- (mm) **"Project/Plant"** means a generating station and the evacuation system upto inter-connection point, as the case may be, and in case of a small hydro generating station includes all components of generating facility such as dam, intake water conductor system, power generating station and generating units of the scheme, as apportioned to power generation;
- (nn) **"Refuse Derived Fuel" or RDF** means segregated combustible fraction of solid waste other than chlorinated plastics in the form of pellets or fluff produced by drying, de-stoning, shredding, dehydrating, and compacting combustible components of solid waste that can be used as fuel;
- (oo) **"Renewable Energy"** means grid quality electricity generated from renewable energy sources.
- (pp) **"Renewable Energy Based Generating Stations and Non-fossil Fuel Based Co-generating Stations"** means the power plants other than the conventional generating stations generating grid quality electricity from Renewable Energy Sources.
- (qq) **"Renewable Energy Sources"** means renewable sources such as small hydro, wind, solar including integration with combined cycle biomass, bio fuel co-generation, urban or municipal waste and other such sources as approved by MNRE.

- (rr) **"Small Hydro Plant"** means Hydro Power projects with station capacity/installed capacity upto and including 25 MW.
- (ss) **"Solar Photo Voltaic (PV) Power Project"** means the project that uses sunlight for direct conversion into electricity through photovoltaic (PV) technology.
- (tt) **"Solar PV power plants on Canal Bank"** means the Solar PV power plants installed on the banks of the canals.
- (uu) **"Solar PV Power Plants on Canal Top"** means the Solar PV power plants installed on the top of the canals.
- (vv) **"Solar Thermal Power Project"** means the project that uses sunlight for conversion into electricity through concentrated Solar Power Technology based on either line focus or point focus principle.
- (ww) **"Saleable Energy"** means the quantum of energy available for sale (ex-bus) after allowing for free energy, if any, to the home State;
- (xx) **"State Grid Code"** means the Uttarakhand Electricity Regulatory Commission (State Grid Code) Regulations, 2016 specified by Uttarakhand Electricity Regulatory Commission under clause (h) of sub-section (1) of section 86 of the Act;
- (yy) **"Tariff period"** means the period for which tariff is to be determined by the Commission on the basis of norms specified under these Regulations;
- (zz) **"Third party owner"** means a developer who generates solar energy from its plant established in the Premises of Eligible Consumer and who has entered into a lease/commercial agreement with such Eligible Consumer;
- (aaa) **"Useful Life"** in relation to a unit of a generating station including evacuation system shall mean the following duration from the date of commercial operation (CoD) of such generation facility, namely:-
- | | |
|---|----------|
| (i) Wind energy power project | 25 years |
| (ii) Biomass power project including
Municipal Solid Waste (MSW) and
Refuse Derived Fuel (RDF) based power projects
With rankine cycle technology. | 20 years |

(iii) Non-fossil fuel cogeneration project	20 years
(iv) Small Hydro Plant	35 years
(v) Solar PV/Solar thermal/Grid interactive Rooftop and small Solar PV plants/ Solar PV power plants on Canal bank/Canal top.	25 years
(vi) Biomass Gasifier based power project	20 years
(vii) Biogas based power project	20 years

(bbb) "Year" means a financial year.

- (2) Save as aforesaid and unless repugnant to the context or if the subject matter otherwise requires, words and expressions used in these regulations and not defined, but defined in the Electricity Act, 2003 or the UERC (State Grid Code) Regulations or the Commission's Regulations on determination of Tariff shall have the meanings assigned to them respectively in the Act or the State Grid Code or the Commission's Regulations as amended from time to time on determination of Tariff.

CHAPTER 2

GENERAL CONDITIONS

4. Eligibility Criteria for qualifying as Generating Station based on Non-Conventional/ Renewable Energy Source

- (1) For the purposes of these Regulations, generation from all types of Renewable Energy Sources and non-fossil fuel based Co-generating Plants, as approved by Ministry of New and Renewable Energy (MNRE), Government of India shall be considered and such generating stations shall be collectively referred to as RE Based Generating Stations and Co-generating Stations.
- (2) At present, generation from following sources and technologies shall qualify to be covered under these Regulations:
 - (a) Small hydro project- Generating Stations being developed in accordance with the prevalent policies of the State Government in this regard and using new plant and machinery with capacity lower than or equal to 25 MW, at single location.
 - (b) Wind power project - located at the wind sites having minimum annual mean Wind Power Density (WPD) of 200 Watt/m² measured at hub height of 50 meters and using new wind turbine generators.
 - (c) Solar PV, Canal bank & Canal top Solar PV, Solar Thermal and Grid interactive Roof Top and Small Solar PV Power Projects - Based on Technologies approved by MNRE.
 - (d) Biomass/Biogas power project - Biomass power projects using new plant and machinery based on Rankine Cycle technology and using biomass fuel sources, without use of fossil fuel;
 - (e) Non-fossil fuel based Co-generating Stations - The project shall qualify to be termed as a non-fossil fuel based co-generation project, if it is using new plant and machinery and is in accordance with the definition and also meets the qualifying requirement outlined below:

Topping cycle mode of co-generation - Any facility that uses non-fossil fuel input for the power generation and also utilizes the thermal energy generated for useful heat applications in other industrial activities simultaneously.

Provided that for the co-generation facility to qualify under topping cycle mode, the sum of useful power output and one half the useful thermal output be greater than 45% of the facility's energy consumption, during season.

Explanation- For the purposes of this clause,

- (i) 'Useful power output' is the gross electrical output from the generator. There will be an auxiliary consumption in the cogeneration plant itself (e.g. the boiler feed pump and the FD/ID fans). In order to compute the net power output it would be necessary to subtract the auxiliary consumption from the gross output. For simplicity of calculation, the useful power output is defined as the gross electricity (kWh) output from the generator.
- (ii) 'Useful Thermal Output' is the useful heat (steam) that is provided to the process by the cogeneration facility.
- (iii) 'Energy Consumption' of the facility is the useful energy input that is supplied by the fuel (normally bagasse or other such biomass fuel).
- (iv) 'Topping cycle' means a cogeneration process in which thermal energy produces electricity followed by useful heat application in industrial activities.
- (f) Biomass Gasifier based Power Project - The project shall qualify to be termed as a biomass gasifier based power project, if it is using new plant and machinery and having a Grid connected system that uses 100% producer gas engine, coupled with gasifier technologies approved by MNRE.
- (g) Biogas based Power Project - The project shall qualify to be termed as a biogas based power project, if it is using new plant and machinery and having grid connected system that uses 100% Biogas fired engine, coupled with Biogas technology for co-digesting agriculture residues, manure and other bio waste as may be approved by MNRE.
- (h) Municipal solid waste based power projects - The project shall qualify to be termed as a Municipal solid waste based power project, if it is using new plant and machinery based on Rankine cycle technology and using Municipal solid waste as fuel sources.
- (i) Refuse derived fuel based power projects - The project shall qualify to be termed as a Refuse derived fuel based power project, if it is using new plant and machinery based on Rankine cycle technology and using Refuse derived fuel as fuel sources.
- (j) Hybrid Wind-Solar power Plant- The project shall qualify to be termed as a hybrid Wind-Solar power plant, if Solar photovoltaic (PV) array coupled with a wind turbine and configured to operate at the same point of grid connection.

- (3) Any new source or technology would qualify as 'renewable energy', only after such source/ technology is based on scientifically proven technology approved by MNRE or any competent authorities under the central ministry. Further, the Commission shall determine tariffs separately for each technology after the approval of such scientifically proven technology by competent authority under the central ministry.

5. Environmental and other Clearances

- (1) The RE Based Generating Stations and Co-generating Stations shall abide by the emission standards/environmental norms as may be set by the Union/State Government, and for that purpose it shall obtain all the required environmental and pollution clearances from the Central/State Pollution Control authorities, wherever applicable.
- (2) The RE Based Generating Stations and Co-generating Stations shall obtain necessary clearances from the State Government/Uttarakhand Renewable Energy Development Agency (UREDA), wherever necessary.

6. Obligations and Duties of the Generating Station

- (1) RE Based Generating Stations and Co-generating Stations shall indicate the capacity of its generating plant in the 'Detailed Project Report' (DPR) keeping in view the potential of electricity generation available from such source and its optimal utilization. It shall further be obliged to submit the DPR, progress of construction and details regarding commissioning of the generating plant or any other related information to the Commission in such form and manner as may be required by the Commission.
- (2) The RE Based Generating Stations and Co-generating Stations shall:
 - (a) Ensure that all the Government and other statutory dues are paid by it within the stipulated time.
 - (b) Submit the technical details concerning the generation and/or transmission as may be specified by the Authority/Commission for carrying out studies relating to cost and efficiency.
 - (c) Submit the information in respect to generation, demand met, capacity availability, capacity utilization factor, auxiliary consumption, specific heat rate and specific oil consumption or on any other parameters etc. yearly basis or as may be directed by the Commission from time to time.
 - (d) Submit audited annual accounts alongwith the copy of income tax returns filed on yearly basis to the Commission.

Provided that in case the generator is having more than one generating station in operation, it shall maintain and submit plant wise details of O&M expenses alongwith the audited accounts on yearly basis to the Commission.

- (e) Shall establish a communication and data transfer system with State Load Dispatch Centre and Co-ordinate with State Load Dispatch Centre and the Regional Load Dispatch Center in respect to:
 - (i) Scheduling;
 - (ii) Exchange of data of quantity of electricity transmitted through the grid;
 - (iii) Real time grid operation and dispatch of electricity in accordance with IEGC and State Grid Code.
- (3) The RE Based Generating Stations and Co-generating Stations shall abide by the grid discipline and install adequate protection equipment for safety of its system and human life. It shall not be entitled for any compensation in the event of grid failure or any interruptions or damage to the plant or its associated sub-station and transmission line on account of any occurrence in the grid.
- (4) The RE Based Generating Stations and Co-generating Stations shall establish, operate and maintain generating station, the associated substation and dedicated transmission lines, if it exercises the option to establish the line. These shall be in accordance with:
 - (a) The technical standards for construction of electrical plants, electric lines and connectivity with the grid as specified by the Authority (section 73 (b) of the EA 2003).
 - (b) Safety requirements for construction, operation and maintenance of electrical plants and electric lines as specified by the Authority (section 73 (c) of the EA 2003).
 - (c) Grid standards for operation and maintenance of transmission lines as specified by Central Electricity Regulatory Commission/Central Electricity Authority or the State Transmission Utility (section 73 (d) of the EA 2003).
 - (d) The conditions for installation of meters for supply of electricity as specified by the Authority or the State Transmission Utility (section 73 (e) of the EA 2003).
- (5) The RE Based Generating Stations and Co-generating Stations shall ensure the compliance of the 'IEGC', the State Grid Code and the Distribution Code as amended from time to time.

- (6) The RE Based Generating Stations and Co-generating Stations shall ensure compliance of any general or specific direction issued and regulations made by the Commission for the generating companies.
- (7) All Power Purchase Agreements (PPAs) signed by the generating stations existing on the date of notification of these regulations shall be amended in accordance with these regulations, if inconsistent with these Regulations, and such amended PPAs shall be valid for entire life of the RE Based Generating Stations and Co-generating Stations.
- (8) The RE Based Generating Stations and Co-generating Stations shall coordinate with State Transmission Utility/Distribution Licensee for the purpose of planning and coordination relating to intra-state transmission/distribution system as provided under the Act.
- (9) The RE Based Generating Stations and Co-generating Stations shall be under obligation to comply with the directions issued to it by the State Load Dispatch Centre failing which the plant shall be liable for appropriate action under the Act.
- (10) The RE Based Generating Stations and Co-generating Stations shall pay fee and charges to the State Load Dispatch Centre as may be specified or directed by the Commission from time to time.
- (11) In case of dispute with reference to quality of electricity or safe, secure and integrated operation of the grid or in relation to any direction issued by the State Load Dispatch Centre, the matter shall be referred to the Commission for adjudication.

7. Sale of Power

- (1) All RE Based Generating Stations and Co-generating Stations shall be allowed to sell power, over and above the capacity required for their own use, to the distribution licensee provided that distribution licensee is willing to enter into a PPA or to local rural grids at the rates determined by the Commission or to any consumer/person within the State or outside the State at mutually agreed rates (provided that such consumer has been allowed Open Access under Open Access Regulations).
- (2) The distribution licensee on an offer made by the said RE based Generating Stations and Co-generating Stations may enter into a power purchase agreement in conformity with these Regulations and relevant provisions of other Regulations and the Act. However, if the distribution licensee intends to purchase power from such generator it shall sign the PPA within two months of offer made by the generating company. Otherwise, if the

distribution licensee is not willing to purchase power from such generator it shall intimate the same to the generating company within one month of offer made by it.

Provided that where a grid interactive roof top and small Solar PV plant, is installed in the Premises, by a third party who intends to sell net energy (i.e. after adjustment of entire consumption of owner of the premise) to the distribution licensee, a tripartite agreement will have to be entered into amongst the third Party, the Eligible Consumer and such Distribution Licensee.

- (3) The distribution licensee shall make an application for approval of power purchase agreement entered into with the generating company in such form and manner as specified in these regulations and UERC (Conduct of Business) Regulations, 2014 as amended from time to time within one month of the date of signing the PPA.

8. Open Access

- (1) Non-discriminatory Open access in State Transmission/Distribution System shall be allowed to all RE based Generating stations and Co-generating Stations for captive use and to those covered under Regulation 7(1), which shall be subject to the provisions of the Open Access Regulations.

Provided that the 'open access' shall be allowed subject to the availability of surplus capacity in the State Transmission/Distribution System.

- (2) Such open access shall be subject to payment of transmission/wheeling charges and adjustment of average transmission/distribution losses in kind as determined in accordance with the Regulation 40 of these Regulations.
- (3) If any question arises as to the availability of surplus capacity in the State transmission system or the State distribution system, the matter shall be adjudicated and decided by the Commission.

CHAPTER 3

RENEWABLE PURCHASE OBLIGATION (RPO)

9. Minimum Quantum of electricity to be purchased by distribution licensees from 'non-fossil fuel based co-generation and generation of electricity from renewable energy sources'

- (1) In line with the provisions of the Act, National Electricity Policy, the Tariff Policy to promote development of renewable and non-conventional sources of energy, all existing and future distribution licensees, captive users and open access customers, hereinafter referred to as "Obligated Entity", in the State shall be obliged to procure minimum percentage of their total electricity requirement for own consumption, as indicated below, from eligible renewable energy sources as defined under Regulation 4. The same shall be called the Renewable Purchase Obligation (RPO) of the Obligated Entities.

Year	Renewable Purchase Obligation -Non-Solar	Renewable Purchase Obligation-Solar
2018-19	10.25%	6.75%
2019-20	10.25%	7.25%
2020-21	10.25%	8.75%
2021-22	10.50%	10.50%
2022-23	11.00%	11.00%

Percentage RPO as stipulated above denotes Minimum Quantum of purchase from non-fossil fuel based co-generation and generation of electricity from renewable energy sources' as a percentage of total energy purchased from all sources/generated by the Obligated Entity during the year for own consumption.

Where, total energy purchased for different obligated entities shall be as under:

- For Discoms, total energy purchased from all sources during the year for own consumption; and
- For Open Access consumers and Captive users, total energy purchased shall be metered consumption recorded at drawl/consumption point during the year for own consumption.

Provided further that Non-Solar & Solar RPO shall be applicable on total energy purchased/generated of electricity by an obligated entity excluding energy purchased/generated from hydro sources of power;

Provided that on achievement of Solar RPO compliance to the extent of 85% and above, remaining shortfall if any, can be met by excess Non-Solar energy purchased beyond specified Non-Solar RPO for that particular year;

Provided further that on achievement of Non-Solar RPO compliance to the extent of 85% and above, remaining shortfall if any, can be met by excess Solar energy purchased beyond specified Solar RPO for that particular year.

- (2) For the purpose of this RPO framework, for every obligated entity, own consumption would mean gross energy consumed or purchased by the obligated entity from all sources for its own use or for the purpose of supply to its consumers within its area of supply, excluding any inter-se sale of electricity amongst the Licensees or outside consumers.
- (3) Distribution licensee shall be eligible to utilise the gross Solar energy generated from the rooftop or small solar power plants of non-obligated entities for meeting its Solar RPO compliance based on the gross energy generated meter reading of such rooftop or small solar power plant.

CHAPTER 4

TARIFF- GENERAL PRINCIPLES

10. Tariffs

- (1) The tariff determined under these Regulations shall be applicable for sale of electricity to the distribution licensees and to local rural grids only. The Commission shall as far as possible be guided by the principles and methodologies, if any, specified by the CERC, National Electricity Policy and the Tariff policy.
- (2) The RE Based Generating Stations and Co-generating Stations, except those mentioned under second Proviso to sub- Regulation (1) of Regulation 2, may opt for the generic tariff, as determined based on norms specified in these Regulations for different technologies, or may file a petition before the Commission for determination of "Project Specific Tariff". For this purpose, RE Based Generating Stations and Co-generating Stations shall give its option to the distribution licensee at least 3 months in advance of date of commissioning of the project or commissioning of the first unit, in case of multiple units. This option once exercised shall not be allowed to be changed during the validity period of the PPA.

Provided that the option of seeking projects specific tariff shall not be available to Grid interactive roof top and small solar PV plants, Solar PV Power Plants, Canal Top & Canal Bank based Solar PV Power Plants, Solar Thermal Plants, Wind Energy Power Plants and other RE based power projects having installed capacity upto 1 MW.

Provided that if generating company does not give its option to the distribution licensee within above stipulated time, generic tariff shall be applicable based on the date of commissioning of the project or commissioning of the first unit, in case of multiple units.

- (3) Project Specific Tariff, on case to case basis, shall be determined by the Commission in the following cases:
 - (a) For projects opting to have their tariffs determined on the basis of actual capital cost instead of normative capital cost as specified for different technologies under Chapter 5 subject to 1st Proviso of Regulation 10(2) above, the CUF (generation) for recovery of fixed charges shall be taken as that envisaged in the approved DPR or the normative CUF specified under Chapter 5 for the relevant technology, whichever is higher;
 - (b) Other hybrid projects include renewable-renewable or renewable-conventional sources, for which renewable technology is approved by MNRE;

- (c) Projects having old plant and machinery or equipment;
- (d) The RE generating company for meeting the expenditure on Renovation, Modernisation and Up-gradation (RMU) for the purpose of extension of life beyond the useful life of its RE based power plant shall make an application before the Commission for in-principle approval of the proposal alongwith a DPR giving complete scope, cost-benefit analysis, estimated life extension from a reference date, financial package, phasing of expenditure, schedule of completion and other details as required by the Commission and the Commission while fixing their tariffs, shall be guided by the tariff norms specified in the Regulations based on actual capital cost subsequent to the completion of the RMU activities and such other factors considered relevant by the Commission;
- (e) Any other new renewable energy technologies approved by MNRE.

Provided that the Commission while determining the Project Specific Tariff shall be guided by the provisions of Chapter 4 & 5 of these Regulations for technologies specifies therein.

11. Control Period or Review Period

- (1) The Control Period or Review Period under these Regulations shall be of five years, of which the first year shall be the financial year 2018-19.

Provided that the benchmark capital cost of Solar PV, Canal Bank & Canal Top Solar PV, Solar Thermal, Municipal Solid Waste based power projects, Refuse Derived Fuel based power projects and Grid interactive Roof Top and Small Solar PV projects may be reviewed annually by the Commission.

Provided further that the tariff determined as per these Regulations for the RE projects commissioned during the Control Period, shall continue to be applicable for the entire Tariff Period.

12. Tariff and PPA Period

- (1) The Tariff Period for Renewable Energy power projects shall be equal to Useful life of the Project as specified in Regulation 3(1)(aaa) of these Regulations.
- (2) Tariff period under these Regulations shall be considered from the date of commercial operation or commissioning of the renewable energy plant.
- (3) The PPA shall be required to be executed with distribution licensee for the entire Tariff Period.

13. Petition and proceedings for determination of Project Specific Tariff

- (1) The RE Based Generating Stations and non-fossil fuel based Co-generating Stations may make an application for fixation of Project Specific Tariff based on actual Capital Cost in respect of the completed units of the RE Based Generating Stations and Co-generating Stations in such formats and alongwith such information as the Commission may require from time to time.

Provided that for Project Specific Tariff determination, the RE Based Generating Stations and Co-generating Stations shall submit the DPR and the break-up of Capital Cost items along with its petition.

- (2) Till fixation of final tariffs a RE Based Generating Stations or Co-generating Stations may either accept the generic tariff as provisional tariff or make an application for determination of provisional tariff in advance of the anticipated date of completion of the project based on the capital expenditure actually incurred up to the date of making the application or a date prior to making of the application, duly audited and certified by the statutory auditors. The provisional tariff as may be determined by the Commission may be charged from the Commercial Operation Date (CoD) of the respective unit of the generating station.

Provided that the RE Based Generating Stations and Co-generating Stations shall be required to make a fresh application for determination of final tariff based on actual capital expenditure incurred up to the date of commercial operation or commissioning of the generating station within 18 months from the actual CoD.

- (3) A petition for determination of project specific tariff shall be accompanied by such fee as specified in the UERC (Fee and Fines) Regulations, 2002, as amended from time to time, and shall be accompanied by:
 - (a) Information in forms 1.1, 1.2, 2.1 and 2.2 as the case may be, and as appended in these regulations;
 - (b) Detailed project report outlining technical and operational details, site specific aspects, premise for capital cost and financing plan etc;
 - (c) A Statement of all applicable terms and conditions and expected expenditure for the period for which tariff is to be determined;
 - (d) A statement containing full details of calculation of any subsidy and incentive received, due or assumed to be due from the Central Government and/or State Government. This statement shall also separately include the proposed tariff calculated with and without consideration of the subsidy and incentive;

- (e) Auditor's certificate indicating year wise and component/asset wise expenditure incurred towards project cost and IDC & IEDC alongwith duly audited and certified copies of annual accounts by the statutory auditors.; and
 - (f) Details of loans including statements of the financial institutions from the date of first drawal and the certificate from the lender(s) that the project has not been classified as NPA and in case the project has been classified as NPA, determination of project specific tariff will be denied;
 - (g) Any other information that the Commission requires the Petitioner to submit.
- (4) The proceedings for determination of tariff shall be in accordance with the UERC (Conduct of Business Regulations), 2014.

14. Tariff Structure

- (1) The tariff for renewable energy technologies shall be single part tariff (in Rs./kWh) and ex-bus, i.e. after auxiliary consumption and transformation losses at the interconnection point as defined in Regulation 3(1)(bb).

Provided that for renewable energy technologies having fuel cost component, like biomass/biogas/biomass gasifier power projects, Refuse derived fuel and non-fossil fuel based cogeneration, tariff with two components, namely fixed cost component and fuel cost component, shall be determined.

- (2) The Tariff shall consist of the following fixed cost components:
- (a) Return on equity;
 - (b) Interest on loan capital;
 - (c) Depreciation;
 - (d) Interest on working capital;
 - (e) Operation and maintenance expenses;
- (3) The generic tariff is being determined separately for each kind of renewable source and for each type of renewable technology for which norms have been specified in these Regulations.
- (4) The generic tariff is based on normative parameters as per the norms specified in these Regulations for each type of source and the year of commissioning of the plant. Tariff in respect of a RE Based Generating Stations and Co-generating Stations under these Regulations shall be applicable for the whole generating station.

Provided that the generic tariff for supply of electricity from the plant, having more than one unit commissioned during currency of different control period, shall be based on weighted average of the tariffs specified under different Regulations for the total capacity of the plant.

- (5) The levelised tariffs for the useful life of the project shall be specified for the RE Based Generating Stations and Co-generating Stations.

Provided that for renewable energy technologies having tariff (in Rs./kWh) with two components, for fixed cost component tariff may be determined on levelised basis considering the year of commissioning of the project while the fuel cost component shall be specified on year of operation basis.

- (6) For the purpose of levelised tariff computation, the discount factor equivalent to weighted average cost of capital shall be considered. For determination of weighted average cost of capital, the pre-tax return on equity would be adjusted for tax at the applicable rates.
- (7) The tariffs determined under these regulations being levelised, any shortfall or gain due to performance or other reasons is to be borne/retained by the RE Based Generating Stations and Co-generating Stations and no true up of any parameter, including additional capitalisation for whatsoever reasons, shall be taken up during the validity of the tariff for projects opting generic tariff or those opting project specific tariff. The tariff for supply of electricity between the period of synchronization and the commissioning of the unit (Infirm Power) shall be equal to 50% of fixed cost component of levelised generic tariff for the useful life of the project. However, renewable energy technologies having fuel cost component, like biomass/biogas/biomass gasfier power projects, Refuse derived fuel and non-fossil fuel based cogeneration, shall also be entitled to get the fuel cost component of tariff for that year in addition to 50% of the levelised generic tariff:

Provided that where project specific tariff is being determined the revenue generated from infirm power shall be used to reduce the capital cost of the project after giving credit for cost of fuel consumed, wherever applicable;

Provided that any additional expenditure of capital nature which becomes necessary for restoration works only on account of damages caused by natural calamities (but not due to flooding of power house attributable to the negligence of the generating company), after prudence check by the Commission, shall be allowed as additional

capitalisation after duly adjusting the proceeds from any insurance scheme for all the generating stations covered under these Regulations. For additional capital expenditure admitted, as above, appropriate adjustment in tariff shall be allowed for balance life of that project based on the norms given in Chapters 4 & 5 of the Regulations;

Provided that additional capitalisation on this account would only be allowed if appropriate and adequate insurance cover was available for the generating station at the time of occurrence of natural calamities referred to above. The generating company shall intimate the Commission and Distribution Licensee within seven days from the occurrence of any such force majeure event resulting into shut down of plant. The Commission may in such case direct the distribution licensee and State nodal agency to visit the damaged plant and assess the nature & type of damages and restoration works required in coordination with the generator/developer.

15. Financial Principles

(1) Capital Cost

- (a) The norms for the Capital Cost as specified in the subsequent technology specific provisions in Chapter 5 shall include the expenditure incurred or projected to be incurred, initial spares, interest during construction (IDC) and financing charges, incidental expenditure during construction (IEDC), any gain or loss on account of foreign exchange risk variation during construction on loans arrived in the manner specified in sub-regulation (2) below upto the date of commercial operation or commissioning of the project, as admitted by the Commission after prudence check. The capital cost shall also include the expenditure incurred or projected to be incurred towards the switchyard etc. upto the point of interconnection (i.e. it does not include cost of dedicated line and associated equipment from point of interconnection upto the nearest sub-station of transmission or distribution licensee to which generating station is connected).
- (b) In case of additional costs on account of IDC, Finance charges and IEDC due to delay in achieving the Schedule CoD, the generating company shall be required to furnish detailed justification with supporting documents for such delay including the details of IDC, Finance Charges and IEDC during the period of delay and liquidated damages recovered or recoverable corresponding to the delay:

Provided that if the delay is not attributable to the generating company and is due to uncontrollable factors, such expenditures may be allowed after due prudence check;

Provided further that where the delay is attributable to an agency or contractor or supplier engaged by the generating company, the liquidated damages recovered from such agency or contractor or supplier shall be kept in view while computing the capital cost.

- (c) In case individual generating company opts to construct, at its own cost, the evacuation infrastructure from point of inter-connection to the nearest sub-station of transmission or distribution licensee to which the generating station is connected, it shall be allowed a normative levelised tariff of 5 paise/unit over and above the generic tariff determined at the point of inter-connection. However, in case of a solar generating company a normative levelised tariff of 12 paise/unit over and above the generic tariff determined at the point of inter-connection shall be allowed.

The said normative tariff for evacuation infrastructure has been arrived at considering the cost of normative line length of 10 kms. (including cost of terminal equipments) for different capacities of generating stations as per normative cost given below:

- | | |
|---|----------------|
| (i) Upto 3MW, 11 kV S/C | - Rs. 44 lakh |
| (ii) Above 3MW and upto 13 MW, 33 kV S/C | - Rs. 85 lakh |
| (iii) Above 13 MW and upto 25 MW, 33 kV 2 x S/C or DC | - Rs. 170 lakh |

Provided that in case more than one generating stations construct, at its own cost, a common evacuation infrastructure including pooling switching station, in accordance with Regulation 41 of these Regulations, for evacuation of power of their generation, then the above normative levelised tariff shall be apportioned among all such generating stations on the basis of their installed capacity.

- (d) The distribution licensee will have to pay the additional tariff, specified above to, the generating company(s) provided ownership of such lines remains with such generating company(s). However, the first option shall be given to the distribution licensee for either buying the evacuation infrastructure of the generating company(s) at the depreciated cost indicated in the latest audited accounts of the said company(s), or pay additional tariff as per these regulations:

Provided that the distribution licensee will be required to exercise the option within one year from the date of commissioning of the generating station(s).

(2) Debt-Equity Ratio

The debt-equity ratio for generic and project specific tariff shall be as follows:

- (a) For generic tariff debt-equity ratio shall be 70:30.
- (b) For project specific tariff, the following provisions shall apply:

If the equity actually deployed is more than 30% of the capital cost, equity in excess of 30% shall be treated as normative loan:

Provided that where equity actually deployed is less than 30% of the capital cost, the actual equity shall be considered for determination of tariff;

Provided further that the equity invested in foreign currency shall be designated in Indian rupees on the date of each investment;

- (3) Subsidy available from MNRE, to the extent specified under Regulation 24, shall be considered to have been utilized towards pre-payment of debt leaving balance loan and 30% equity to be considered for determination of tariff:

Provided further that it shall be assumed that the original repayments shall not be affected by this prepayment.

- (4) The amount of subsidy shall be considered for each renewable source as per the applicable policy of MNRE. If the amount of subsidy is increased or reduced by MNRE, then necessary corrections in tariffs would be carried out by the Commission provided the reduction in subsidy amount is not due to the inefficiency of the generating company.

16. Interest on loan capital

- (1) The loans arrived at in the manner indicated in Regulation (2) shall be considered as gross normative loan for calculation of interest on loan. The normative loan outstanding as on 1st April of every year shall be worked out by deducting the cumulative repayment up to 31st March of previous year from the gross normative loan.
- (2) For the purpose of computation of generic tariff, the normative interest rate shall be considered as average State Bank of India (SBI) Marginal Cost of Funds based Lending Rate (MCLR) (one year tenor) prevalent during the last available six months from the date of Petition plus 300 basis points.

For the purpose of computation of project specific tariff, interest rate shall be considered as lower of the actual interest payable to the financial institutions or the average State Bank of India (SBI) Marginal Cost of Funds based Lending Rate (MCLR) (one year tenor) prevalent during the last available six months plus 300 basis points.

- (3) Notwithstanding any moratorium period availed by the generating company, the repayment of loan is being considered from the first year of commercial operation of the project and shall be equal to the annual depreciation allowed.

While calculating project specific tariff, notwithstanding any moratorium period availed by the generating company, the repayment of loan shall be considered from the first year of commercial operation of the project and shall be equal to the annual depreciation allowed or actual repayment made, whichever is higher.

- (4) Normative period of loan repayment shall be taken as 13 years.

17. Depreciation

- (1) For the purpose of tariff, depreciation shall be computed in the following manner, namely:
- (a) The value base for the purpose of depreciation shall be the capital cost of the project as admitted by the Commission in accordance with sub-regulation (2) below.
 - (b) The Salvage value of the asset shall be considered as 10% and depreciation shall be allowed up to maximum of 90% of the Capital Cost of the asset.
 - (c) The depreciation rate for the first 13 years of the Tariff Period shall be 5.38% per annum and the remaining depreciation shall be spread over the remaining useful life of the project from 14th year onwards considering salvage value of the project as 10% of the project cost.
 - (d) Depreciation shall be chargeable from the first year of commercial operation.
- (2) 75% of the Capital subsidy received by the generator shall be reduced from the capital cost for depreciation purposes.

18. Return on Equity

- (1) The value base for the equity shall be as determined under Regulation (2).
- (2) The Return on Equity (Post tax) shall be 16% for the Renewable energy source based power projects.
- (a) Pre-tax RoE shall be 20% per annum for the first 10 years considering Average MAT rate as on 1st April, 2018.
 - (b) Pre-tax RoE shall be 22% per annum from 11th year onwards considering Average Corporate Tax as on 1st April, 2018.

19. Interest on Working Capital

- (1) The Working Capital requirement in respect of Wind energy projects, Small hydro power, Solar PV, Canal Bank and Canal Top Solar PV, Solar thermal and Grid interactive Roof Top and Small solar PV power projects shall be computed in accordance with the following:

- (a) Operation & Maintenance expenses for one month;
- (b) Receivables equivalent to 2 (Two) months of energy charges for sale of electricity calculated on the normative CUF:

Provided that for determination of project specific tariff, sale of electricity will be calculated based on the CUF envisaged in the approved DPR or the normative CUF specified for the relevant technology under Chapter 5, whichever is higher.

- (c) Maintenance spare @ 15% of operation and maintenance expenses.

- (2) The Working Capital requirement in respect of biomass power projects, municipal solid waste based power projects, refused derived fuel based power projects and non-fossil fuel based co-generation projects shall be computed in accordance with the following:

- (a) Fuel costs for four months equivalent to normative CUF;
- (b) Operation & Maintenance expense for one month;
- (c) Receivables equivalent to 2 (Two) months of fixed and variable charges for sale of electricity calculated on the normative CUF:

Provided that for determination of project specific tariff, CUF will be taken as the CUF envisaged in the approved DPR or the normative CUF specified for the relevant technology under Chapter 5, whichever is higher.

- (d) Maintenance spare @ 15% of operation and maintenance expenses;

- (3) Interest on Working Capital shall be at interest rate equivalent to the average State Bank of India (SBI) Marginal Cost of Funds based Lending Rate (MCLR) (one year tenor) prevalent during the last available six months from the date of Petition plus 350 basis points.

20. Operation and Maintenance expenses

- (1) Operation and maintenance expenses for the year of commissioning shall be determined based on normative O&M expenses specified by the Commission under Chapter 5 for different technologies for the first Year of Control Period, i.e. for FY 2018-19. These expenses shall be escalated @ 5.72% p.a. to arrive at O&M expenses for the ensuing years.

- (2) Normative O&M expenses allowed for the year of commissioning shall be escalated at the rate of 5.72% p.a. to determine the O&M expenses for the different years of the Tariff Period.

21. CDM benefits

- (1) The proceeds of carbon credit from approved CDM project shall be shared between generating company and concerned beneficiaries in the following manner, namely-
- (a) 100% of the gross proceeds on account of CDM benefit to be retained by the project developer in the first year after the date of commercial operation or commissioning of the generating station;
 - (b) In the second year, the share of the beneficiaries shall be 10% which shall be progressively increased by 10% every year till it reaches 50%, where after the proceeds shall be shared in equal proportion, by the generating company and the beneficiaries.
 - (c) The CDM benefits shall not be considered for determination of levelised or yearly tariff and total amount of proceeds shall be remitted directly by the generating company to the distribution licensee for each financial year within one month of its receipt alongwith auditor's certification in accordance with above provisions.

22. Rebate

- (1) For payment of bills through the letter of credit on presentation or if payment made within 5 working days, a rebate of 2% shall be allowed.
- (2) Where payments are made by a mode other than through the letter of credit but within a period of one month of presentation of bills by the generating company, a rebate of 1% shall be allowed.

23. Late Payment Surcharge

In case the payment of bills is delayed beyond a period of 60 days from the date of billing, a late payment surcharge at the rate of 1.25% per month or part thereof shall be levied by the generating company.

24. Subsidy or incentive by the Central / State Government

The Commission shall take into consideration any incentive or subsidy offered by the Central or State Government, including accelerated depreciation benefit if availed by the generating

company, for the renewable energy power plants while determining the tariff under these Regulations.

Provided that only 75% of the capital subsidy for the financial year of commissioning as per applicable scheme of MNRE shall be considered for tariff determination.

Provided that the following principles shall be considered for ascertaining income tax benefit on account of accelerated depreciation, if availed, for the purpose of tariff determination:

- (a) Assessment of benefit shall be based on capital cost admitted, accelerated depreciation rate as per relevant provisions under Income Tax Act and corporate income tax rate.
- (b) Capitalisation of RE projects during second half of the fiscal year. Per unit benefit shall be derived on levelised basis at discount factor equivalent to Post Tax weighted average cost of capital.
- (c) It shall be assumed that the generating company shall avail the benefit of accelerated depreciation and the onus of establishing, to the satisfaction of distribution licensee, that it is not entitled for this benefit shall be that of such generating company. The auditor's certificate in this regard shall be considered sufficient for this purpose.

Provided further that where Central Government or the State Government has notified any Generation Based Incentive Scheme for a particular kind of renewable technology such technology based generating stations shall be assumed to have availed the benefit of such a scheme and their tariffs shall automatically be treated as reduced by the amount of GBI per unit.

25. Taxes and Duties

Tariff determined under these regulations shall be including direct taxes on income but exclusive of other taxes and duties as may be levied by the appropriate Government.

Provided that the taxes, duties and cess levied by the appropriate Government other than direct taxes shall be allowed as pass through on actual incurred basis.

26. Applicability of Tariff

- (1) The tariff shall be allowed to be recovered in the following manner:

A. For generators opting generic tariff:

- (a) Till the actual CUF is less than or equal to annual CUF of 40%, tariffs would be payable at the levelised generic rates specified in the Regulations arrived at based on the normative CUF of 40%.

- (b) For generation beyond annual CUF of 40%, following will apply:
- (i) For generation beyond annual CUF of 40% but upto annual CUF of 45%, tariff shall be Rs. 1.50/kWh.
 - (ii) For generation beyond annual CUF of 45%, incentive shall be equal to the levelised generic rates specified in the Regulations at CUF of 45% reduced by Rs. 0.75 per kWh. Such reduction of Rs. 0.75/kWh shall be made from the subsequent monthly bills only till the actual annual CUF reaches 55%.
 - (iii) For generation beyond actual annual CUF of 55%, incentive shall be equal to the levelised generic rates specified in the Regulations at CUF of 45%.
- B. For generators opting for project specific tariffs, the tariff for generation beyond the applicable CUF (i.e. the CUF envisaged in the approved DPR or the normative CUF specified for the relevant technology under Chapter 5, whichever is higher), shall be allowed to be recovered at the project specific tariff approved by the Commission.
- C. For additional capitalization as allowed by the Commission for restoration work, the tariff for generation beyond the applicable CUF to the generating station shall be allowed to be recovered at the project specific tariff approved by the Commission for such restoration work.

The annual CUF shall be calculated in accordance with the principles specified in Regulation 3(1)(h) of the Regulations.

27. Applicability of Merit Order to RE Sources

Since RE Sources are dependent on vagaries of nature and are of small capacities, the principle of merit order dispatch/purchase shall not be applicable to supply of power from such sources to the distribution licensee or local rural grids within the State, i.e. they shall be treated as must run stations.

CHAPTER 5

TECHNOLOGY SPECIFIC PARAMETERS

28. Small Hydro Generating Plant

The technology specific parameters for determination of generic tariffs for Small Hydro Generating Stations commissioned or to be commissioned on or after 01.04.2018 shall be as follows:

Project Size	Capital Cost	O&M Expenses for year of commissioning	Capacity Utilization Factor*	Auxiliary Consumption
	(Rs. Lakh/MW)	(Rs. Lakh/MW)	(%)	(%)
Upto 5 MW	1000	45.00	Generic Tariff- 40% Project Specific- 45%	1%
> 5 MW & upto 15 MW	950	40.38		
> 15 MW & upto 25 MW	900	36.00		

* for the recovery of Annual Fixed Charges.

NOTE: For the purpose of this Regulation, normative CUF is based on Energy Sent Out at interconnection point and for tariff purposes energy net of free power to the home State, if any, committed by the developer shall be factored. For generic tariff determination, home State share has been taken as 18% from 16th year onwards.

29. Biomass Power Projects based on Rankine Cycle Technology

- (1) The technology specific parameters for determination of generic tariffs for Biomass Power Projects based on Rankine Cycle Technology commissioned or to be commissioned on or after 01.04.2018 shall be as below:

(a) Capital Cost:

Biomass Rankine Cycle Projects	Capital Cost for the year of commissioning of project (Rs. Lakh/MW)
Projects [other than rice straw and juliflora (plantation) based projects] with water cooled condenser	559.03
Projects [other than rice straw and juliflora (plantation) based projects] with air cooled condenser	600.44
For rice straw and juliflora (plantation) based projects with water cooled condenser	610.80
For rice straw and juliflora (plantation) based projects with air cooled condenser	652.20

(b) Operation and Maintenance expenses

Normative O&M expenses for the first year of the Control period shall be Rs. 42.29 Lakh/MW. The Normative O&M expenses allowed for the year of commissioning shall be escalated at the rate of 5.72% per annum for subsequent years.

(c) Station Heat Rate

The Station Heat Rate of biomass power projects shall be

- (i) For projects using travelling grate boilers: 4200 kCal/kWh,
- (ii) For projects using AFBC boilers: 4125 kCal/kWh

(d) Capacity Utilisation Factor

- (1) Threshold CUF for determining fixed charge component of Tariff shall be:

- (i) During Stabilisation: 60%,
- (ii) During the remaining period of the first year (after stabilization): 70%
- (iii) From 2nd year onwards: 80%

- (2) The stabilization period shall not be more than 6 months from the date of commissioning of the project.

(e) Auxiliary Consumption

- (1) For the projects using water cooled condenser:

- (i) During first year of operation: 11%
- (ii) From 2nd year onwards: 10%

- (2) For the project using air cooled condenser:

- (i) During first year of operation: 13%
- (ii) From 2nd year onwards: 12%

(f) Use of Fossil Fuel and Monitoring Mechanism for the use of fossil fuel

- (1) The use of fossil fuels shall not be allowed.

Provided that for the biomass power projects commissioned on or before 31.03.2018, the use of fossil fuels to the extent of 15% in terms of calorific value on annual basis shall be allowed for the tariff period from the date of commissioning.

- (2) The Project developer shall furnish a monthly fuel usage statement and monthly fuel procurement statement duly certified by Chartered Accountant to the beneficiary (with a copy to appropriate agency appointed by the Commission for the purpose of monitoring the fossil and non-fossil fuel consumption) for each month, alongwith the monthly energy bill.

- (3) Non-compliance with the conditions of fossil fuel usage by the project developer, during any financial year, shall result in withdrawal of applicability of tariff as per these Regulations for such biomass based power project. However, such defaulting biomass power project shall continue to sell power to the distribution licensee and the rate during the financial year in which default occurred shall be the rate lower by Rs. 1/kWh of the applicable variable tariff specified by the Commission.

(g) Calorific Value

The Calorific Value of the biomass fuel used for the purpose of determination of tariff shall be at 3100 kCal/kg.

(h) Fuel Cost

Biomass Fuel Price for the first year of the Control Period, i.e FY 2018-19 shall be taken as Rs. 2355/MT, unless specifically reviewed by the Commission. For each subsequent year of the Tariff Period, the normative escalation factor of 5% on previous year's fuel cost shall be applicable to determine the fuel cost for different years of the Tariff Period.

30. Non-fossil fuel based Cogeneration Projects

- (1) A project shall qualify as a non-fossil fuel based Co-generation project, if it is in accordance with the eligible criteria as specified under Regulation 4(2)(e).
- (2) The technology specific parameters for determination of generic tariffs for Non-fossil fuel based Cogeneration Projects commissioned or to be commissioned on or after 01.04.2018 shall be as follows:

Capital Cost	O&M Expenses for year of commissioning	Station Heat Rate	Calorific value of fuel	Auxiliary Consumption	Capacity Utilization Factor
(Rs. Lakh/ MW)	(Rs. Lakh/MW)	(kCal / kWh)	(kCal/kg)		
492.50	22.35	3600	2250	8.5%	45%

- (3) Fuel Cost (P) for the first year of the Control Period, i.e. FY 2018-19 shall be taken as Rs. 1954/MT, unless specifically reviewed by the Commission. For each subsequent year of Tariff Period, the normative escalation factor of 5% on previous year's fuel shall be applicable to determine the fuel cost for different year of Tariff Period.

- (4) For use of biomass other than bagasse in co-generation projects, the biomass prices as specified under Regulation 29(1)(h) shall be applicable.

31. Biomass Gasifier Power Projects

- (1) The technology specific parameters for determination of generic tariffs for Biomass Gasifier Power Projects commissioned or to be commissioned on or after 01.04.2018 shall be as follows:

Type of Project	Capital Cost (Rs. Lakh/MW)	O&M Expenses for year of commissioning (Rs. Lakh/MW)	Specific Fuel Consumption	Auxiliary Consumption	Capacity Utilization Factor
			Kg/kWh		
Pine leaves based Biomass Gasifier projects	625.00	100.00	1.50	10%	85%
Other Biomass Gasifier Projects	592.88	55.85	1.25		

- (2) Fuel Price (P) for the first year of the Control Period, i.e. FY 2018-19 shall be taken as Rs. 2355/MT for all type of Biomass Gasifier based power projects, unless specifically reviewed by the Commission. For each subsequent year of the Tariff Period, the normative escalation factor of 5% on previous year's fuel cost shall be applicable to determine the fuel cost for different years of the Tariff Period.

- (3) Fuel Mix

- (a) The Biomass Gasifier based Power Plant shall be designed in such a way that it uses different types of non-fossil fuels available within the vicinity of Biomass Power Project such as crop residues, agro-industrial residues, forest residues etc. and other biomass fuels as may be approved by MNRE.
- (b) The Biomass Gasifier based Power Generating Companies shall ensure fuel management plan to ensure adequate availability of fuel to meet the respective project requirements.

32. Biogas based Power Projects

- (1) The norms for tariff determination specified hereunder are for grid connected Biogas based Power Projects that uses 100% Biogas fired engine, coupled with Biogas technology for co-digesting agriculture residues, manure and other bio waste as may be approved by MNRE. The technology specific parameters for determination of generic tariffs for Biogas based Power Projects commissioned or to be commissioned on or after 01.04.2018 shall be as follows:

Capital Cost	O&M Expenses for year of commissioning	Specific Fuel Consumption	Auxiliary Consumption	Capacity Utilization Factor
(Rs. Lakh/MW)	(Rs. Lakh/MW)	(kg/kWh)		
1185	55.85	3.00	12%	90%

- (2) Feed stock price (P) for the first year of the Control Period, i.e. FY 2018-19 shall be taken as Rs. 1327/MT (net of any cost recovery from digester effluent), unless specifically reviewed by the Commission. For each subsequent year of the Tariff Period, the normative escalation factor of 5% on previous year's fuel cost shall be applicable to determine the fuel cost for different years of the Tariff Period.

33. Solar PV Power Project

Norms for Solar Photovoltaic (PV) power project under these Regulations shall be applicable for grid connected PV systems that directly convert solar energy into electricity and are based on the technologies such as crystalline silicon or thin film etc. as may be approved by MNRE. The technology specific parameters for determination of generic tariffs for Solar PV Power Projects commissioned or to be commissioned on or after 01.04.2018 shall be as follows:

Capital Cost	O&M Expenses for year of commissioning	Capacity Utilization
(Rs. Lakh/MW)	(Rs. Lakh/MW)	Factor
388.19	12.30	19 %

34. Canal bank Solar PV Power Plants and Canal top Solar PV Power Plants

Norms for canal bank Solar PV Power Plants and canal top Solar PV Power Plants under these Regulations shall be applicable for grid connected PV systems that directly convert solar energy into electricity and are based on the technology specific parameters for determination of generic tariffs for such power projects commissioned or to be commissioned on or after 01.04.2018 shall be as follows:

Type Solar PV Plant	Capital Cost	O&M Expenses for year of commissioning	Capacity utilization Factor
	(Rs. Lakh/MW)	(Rs. Lakh/MW)	
Canal Bank Solar PV Plant	600.00	12.30	19%
Canal Top Solar PV Plant	625.00		

35. Solar Thermal Power Project

Norms for Solar thermal power under these Regulations shall be applicable for Concentrated solar power (CSP) technologies viz. line focusing or point focusing, as may be approved by MNRE, and uses direct sunlight, concentrating it several times to reach higher energy densities and thus higher temperatures whereby the heat generated is used to operate a conventional power cycle to generate electricity. The technology specific parameters for determination of generic tariffs for Solar Thermal Power Projects commissioned or to be commissioned on or after 01.04.2018 shall be as below:

Capital Cost	O&M Expenses for year of commissioning	Capacity Utilization	Auxiliary Consumption
(Rs. Lakh/MW)	(Rs. Lakh/MW)	Factor	
1200	16.77	23%	10%

36. Grid interactive roof top and small solar PV plants

- (1) The technology specific parameters for determination of generic tariff for Grid interactive roof top and small solar PV plants commissioned or to be commissioned on or after 01.04.2018 shall be as below:

Project Size	Capital Cost	O&M Expenses for year of commissioning	Capacity Utilization Factor
	(Rs./kW)	(Rs./kW)	
Upto 10 kW	47153	1627	19 %
>10 kW & upto 100 kW	43224	1448	
>100 kW & upto 500 kW	40612	1320	
>500 kW and upto 1 MW	39135	1230	

- (2) Roof-top Grid Interactive Roof-top and small solar PV plants can be installed for injecting power into the distribution system of a licensee by any Eligible consumer:

Provided that the maximum Rooftop Solar PV and Small Solar PV plants installed capacity at any Eligible Consumer's premises shall be upto a maximum of 80% of consumer's sanctioned load/contract demand;

Provided that in case of Domestic Consumer, such installed capacity of Roof Top and Small Solar PV Plants shall be irrespective of consumer's sanctioned load/contract demand;

Provided, the maximum installed capacity of rooftop PV solar power plant & small solar PV plant at the premises of eligible consumer shall not be more than 1 MW.

- (3) Injection from Roof-Top Solar PV plant owned by the Eligible consumer or by third party shall be settled on Net Energy basis at the end of each Billing period.
- (4) The tariff, as per tariff orders of the Commission, in respect of the supply of electricity to the consumers by the distribution licensee shall be applicable for the Net Energy supplied by the licensee in a billing period if the supplied energy by the licensee is more than the energy injected by the Roof-Top Solar PV plant of the consumer or by third party:

Provided that such eligible consumer shall be exempted from payment of monthly minimum charges/monthly minimum consumption guarantee charges, if any, equivalent to the capacity of Roof Top Solar PV plant installed at the premises;

Provided further that no open access charges including surcharges shall be leviable on such eligible consumers for the captive use of power.

- (5) If in a billing period the supplied energy by the licensee is less than the energy injected by the Roof-Top Solar PV Plant of the consumer or the third party, subject to provisions in sub-Regulation (3) above, the licensee would be billed at the generic tariff as may be specified by the Commission or at the rate discovered through tariff based bidding process whichever is lower for such Net Energy supplied to it.

37. Wind Energy Project

- (1) The technology specific parameters for determination of generic tariffs for Wind Projects commissioned or to be commissioned on or after 01.04.2018 shall be as below:

Capital Cost (Rs. Lakh/MW)	O&M Expenses (Rs. Lakh/MW)	Annual Mean Wind Power Density (W/m ²)	Capacity Utilization Factor
515	9.51	Upto 220	22%
		221-275	24%
		276-330	28%
		331-440	33%
		>440	35%

NOTE:

- (a) For applicability of tariff, the generating company shall provide duly validated information on annual mean wind power density. The annual mean wind power density specified above, shall be measured at 100 meter hub-height.
- (b) For the purpose of classification of wind energy project into particular wind zone class, as per MNRE guidelines for wind measurement, wind mast either put-up by National Institute of Wind Energy (NIWE) or a private developer duly validated by NIWE would be normally extended 10 km from the mast-point to all directions for uniform terrain and limited to appropriate distance in complex terrain with regard to complexity of the site. Based on such validation by NIWE, State Nodal Agency should certify zoning of the proposed wind farm complex.

38. Municipal Solid Waste based Projects

- (1) The norms for tariff determination specified hereunder are for power projects which use Municipal Solid Waste (MSW) and Refuse Derived Fuel (RDF) and are based on Rankine cycle technology application, combustion or incineration, Bio-methanation, Pyrolysis and High end gasifier technologies. Norms regarding Capital Cost, Plant Load Factor, Auxiliary Consumption etc. shall be for the projects commissioned or to be commissioned on or after 01.04.2018 shall be as follows:

Project	Capital Cost	O&M Expenses for year of commissioning	Plant Load Factor	Auxiliary Consumption	Station Heat Rate	Calorific value
	(Rs. Lakh/MW)	(Rs Lakh/MW)			kcal/kWh	kcal/kg
MSW	1500	6% of the project cost for 1 st year and shall be escalated @ 5.72% per annum	65% during stabilization & first year. 75% from second year onwards.	15%	4200	-
RDF	900	6% of the project cost for 1 st year and shall be escalated @ 5.72% per annum	65% during stabilization & first year. 80% from second year onwards.	15%	4200	2500

NOTE:

- (a) No fuel cost shall be considered for determination of tariff for the power projects using Municipal Solid Waste.
- (b) RDF Fuel Price (P) for the first year after notification of these Regulations shall be taken as Rs. 1800/MT, unless specifically reviewed by the Commission. For each subsequent year of the Tariff Period, the normative escalation factor of 5% on previous year's fuel cost shall be applicable to determine the fuel cost for different years of the Tariff Period.

39. Generic Tariffs

The generic tariffs for the above-mentioned technologies are given in Annexure 1.

CHAPTER 6

MISCELLANEOUS

40. Transmission Charges, Wheeling Charges and Losses

- (1) **Transmission Charges:** For non-discriminatory 'open access' to the intra-State transmission system for carrying the electricity generated by the RE Based Generating Stations or Co-generating Stations to the destination of use, the RE generator or the consumer, as the case may be, shall have to pay the transmission charges and wheeling charges for use of intra-state transmission system and distribution system which shall be calculated based on the principles specified in UERC (Terms and Conditions of Intra-State Open Access) Regulations, 2015 read with amendments from time to time:

Provided that no Transmission and Wheeling Charges are payable for sale of electricity to distribution licensee or to local rural grid within the State;

Provided further that where a generating company proposes to supply electricity outside the State, such generating company, in addition to transmission/wheeling charges specified above, shall have to bear the transmission/wheeling charges determined by the Commission on case to case basis for the dedicated lines and substation of the transmission/distribution licensee used only for evacuation of such power;

Provided further that where more than one generating company proposes to supply electricity outside the State over common dedicated transmission/distribution system of transmission/distribution licensee for evacuation of their power, such generating companies, in addition to transmission/wheeling charges specified above, shall have to bear the full transmission/wheeling charges determined by the Commission on case to case basis for such dedicated lines and substation of the transmission/distribution licensee used only for evacuation of such power on pro-rata basis of installed capacity.

- (2) In addition to Transmission and Wheeling Charges, the losses in the intra-State Transmission/ Distribution System and dedicated lines and sub-stations, if applicable as above, shall be adjusted in kind based on the principles specified in UERC (Terms and Conditions of Intra-State Open Access) Regulations, 2015 read with amendments from time to time.

Provided further that no losses shall be adjusted in kind for sale of electricity to distribution licensees within the State or to local rural grid.

41. Evacuation of Power

- (1) Distribution Licensees shall provide connectivity to the RE Based Generating Stations having capacity upto 25 MW at its nearest distribution sub-station preferably within a range of 10 kilometers from the location of such generating station. They may further mutually agree to provide connectivity at appropriate voltage level subject to technical feasibility and technical standards for construction of electrical lines and connectivity with the grid as may be specified by CEA.
- (2) Transmission Licensee shall provide connectivity to the RE Based Generating Stations having installed capacity more than 25 MW, at its nearest transmission sub-station preferably within a range of 10 kilometers from the location of such generating station. They may further mutually agree to provide connectivity at appropriate voltage level subject to technical feasibility and technical standards for construction of electrical lines and connectivity with the grid as may be specified by CEA:

Provided that any RE based Generating Station having capacity upto 25 MW is willing to connect and evacuate power through 132 kV & above transmission system, it may do so subject to consent of the Transmission Licensee.

Provided further that where more than one RE based Generating Stations having cumulative installed capacity more than 25 MW are located in a cluster/area and for the purpose of evacuation, these generating stations agree to pool their generation at a common pooling switching station to be constructed by them at their own cost and further beyond such pooling switching station, the Transmission Licensee shall provide connectivity at its nearest sub-station. They may further mutually agree to provide connectivity at appropriate voltage level subject to technical feasibility and technical standards for construction of electricity lines and connectivity with the grid as may be specified by CEA.

- (3) In case RE based Generating Stations exercise the option to construct the evacuation system including the line upto the nearest substation of Transmission/Distribution Licensee, the required bay, terminal equipments, associated synchronization equipments and above pooling switching station, if any, etc. the cost of such evacuation system shall be borne by such generating stations:

Provided that such Generating Stations may also get the work of construction of the power evacuation system carried out by State transmission/distribution licensee;

Provided further that the land for extending the bay shall be provided by the owner of the transmission or distribution sub-station, as the case may be, free of cost.

42. Maintenance of Transmission lines and Equipment

- (1) The Generating Stations shall be responsible for the maintenance of terminal equipment at the generating end and the dedicated transmission lines including pooling Switching station, if any, owned by such generating stations. However, transmission/distribution licensees, as the case may be, may carry out maintenance of the dedicated transmission line including pooling switching station, if any, if so desired by the generating company(s), on mutually agreed charges.
- (2) The Distribution Licensee or the Transmission Licensee or the state transmission utility, as the case may be, shall be responsible for maintenance of the terminal equipment(s) at the sub-station of the concerned licensee.

43. SLDC Charges

For sale to person other than the Distribution Licensees or to Local Rural Grid principles of optimum scheduling and dispatch as per IEGC and State Grid Code scheme shall apply and for this purpose RE based Generating Stations shall be required to pay such fee to the SLDC as specified under UERC (Terms and Conditions of Intra-State Open Access) Regulations, 2015.

44. Connectivity and Metering arrangement for Grid interactive Roof Top and Small Solar PV plants

- (1) Grid interactive Roof-Top and Small Solar PV plants shall be allowed connectivity at the following voltage level in the distribution system of the licensee:
 - (i) Load upto 4 kW: low voltage single phase supply.
 - (ii) Load >4 kW and upto 75 kW: low voltage three phase supply.
 - (iii) Load >75 kW and upto 1000 kW: at 11 kV.
- (2) If any dispute arises about connectivity of such sources with the grid, the matter shall be referred to the Commission whose decision in this regard shall be final.
- (3) Supply of electricity to the consumer(s) from the licensee's sources and that to the licensee's distribution system from the roof-top Solar PV sources shall be measured

either by two separate meters, the readings of which shall be used in each billing period for settlement on Net basis or alternatively by an export-import type meter suitable for directly measuring the Net exchange.

- (4) The cost of switch gear, metering and protection arrangement at generator end shall have to be borne by the owner of solar generators. However, Check Meter with same specification of Main Meter shall be provided by distribution licensee:

Provided that Check Meter and related equipments can be procured by such plant owner. However, the cost of Check Meter shall be refunded by the licensee to such plant owner. The cost of the check meter to be refunded would be, lower of the following:

- a. Actual cost of meter; or
 - b. Highest rate discovered through Competitive Bidding Process of licensee escalated by 25%.
- (5) For interconnection of Grid interactive Roof Top and Small Solar PV Plants with the distribution licensee's grid, the relevant provisions of the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 as amended from time to time shall apply.
- (6) The Grid interactive Roof Top and Small Solar PV Plants shall be responsible for safe operation, maintenance and rectification of defect of its system up to the interconnection point beyond which the responsibility of safe operation, maintenance and rectification of any defect in the system including the meters shall rest with the distribution licensee.
- (7) The eligible consumer shall be solely responsible for any incidents/accident to human being/ animals whatsoever (fatal/nonfatal/departmental/non-departmental/damages to material of the licensee) that may occur due to back feeding from the solar plant when the grid supply is off and such consumer shall not only bear the cost of the damages to the material of the licensee but also compensate for the life of any human being/animals in case of such incidents/accidents. The distribution licensee reserves the right to disconnect the consumer's installation at any time in the event of such exigencies to prevent accident or damage to man and material.

45. Metering Arrangement

- (1) For sale to Distribution Licensees or Local rural Grid, RE based Generating Station shall provide meters at the point of interconnection (as defined under Regulation 3(1)(bb) complying with the Regulations on installation of meters specified by CEA.
- (2) For sale to person other than the Distribution Licensees or Local Rural Grid RE based

Generating Station shall provide ABT compatible Special Energy Meters at the point of interconnection complying with the Regulation on installation of meters specified by CEA.

46. Energy Accounting and Billing

The State Load Dispatch Centre shall carry out scheduling and accounting of energy sent out by the generators and the same shall be communicated to the utilities interacting with the grid as per the scheme framed by SLDC in pursuance of the provisions of IEGC, State Grid Code and Open Access Regulations. Billing for open access transactions shall be done in accordance with the Open Access Regulations.

Provided that in case of sale to the distribution licensee of the area, the power purchase agreement may provide for joint meter reading and in such cases, energy accounting and billing shall be done by the generating station in coordination with the concerned distribution licensee.

47. Purchase of Electricity by the Generating station including Start up Power

- (1) Any person, who establishes, maintains and operates a generating station and normally does not need power from the licensee round the year, may purchase electricity from a generating company or a distribution licensee in case his plant is not in a position to generate electricity to meet the requirement of his own use or for start up and consequently power is required to be drawn from distribution licensee:

Provided that in case electricity generated from the plant is being exclusively sold to the State Distribution Licensee, the electricity (in kWh) procured by the Generating Station from the State Distribution Licensee to meet its requirement of his own use or for startup power, will be adjusted from the electricity sold to the Distribution Licensee on month to month basis. The Distribution Licensee shall make the payment for net energy sold to it by the Generating Company, i.e. difference of the total energy injected into the grid and energy drawn from the grid by the Generating Company. In case the energy supplied by the distribution licensee is more than the energy injected by the generating company, the net energy (in kWh) thereof shall be billed by the distribution licensee in accordance with 2nd proviso below;

Provided further that in case electricity generated from the plant is sold to third party other than the Distribution Licensee, then such purchase of electricity by the generating company from the distribution licensee, shall be charged as per the tariff determined by the Commission for temporary supply under appropriate "Rate Schedule of tariff" for Industrial Consumers considering maximum demand during the month as

the contracted demand for that month. The Fixed/Demand charges for that month shall be payable for the number of days during which such supply is drawn. Such Generating Company shall, however, be exempted from payment of monthly minimum charges or monthly minimum consumption guarantee charges or any other charges.

48. Banking of Power (Applicable only in case of Captive RE sources Generating Plants & Non-fossil fuel based Co-generating Stations)

- (1) The Generating Stations shall be allowed to bank power within a period of one calendar month, for the purpose of withdrawal of the banked power in the event of emergency or shut down or maintenance of the plant, subject to following conditions:
 - (a) Banking of energy upto 100%, as agreed between the plant and the distribution licensee, shall be allowed during the period declared by the Commission as peak hours from time to time in its Tariff Orders.
 - (b) Withdrawal of power shall be allowed only during the period other than the period declared by the Commission as peak hours from time to time in its Tariff Orders.
 - (c) The plants shall provide ABT compliant Special Energy Meters and the monthly settlement of energy sales shall be done based on Power supplied during the peak hours as per SEM meter readings shall be considered as banked power.
 - (d) Upon introduction of intra-state ABT in the State, the banking as well as withdrawal of banked energy shall be subject to day ahead scheduling.
 - (e) The power withdrawn by the plant as ascertained by SEM readings, which could not be considered as withdrawal from banked power, shall be considered as power purchased by the plant.
 - (f) The purchase of power by these plants under clause (e) or otherwise shall be charged as per the provisions of Regulation 47 above.
 - (g) A Generating Station shall be allowed to withdraw power that was banked during a particular financial year in the same year.
 - (h) The banked power remaining unutilized on the expiry of the financial year would be treated as sale and the financial settlement shall be made at the tariff determined by the Commission in its Tariff Order for the year during which the power was banked or at the generic tariff specified by the Commission in case of a Non-fossil fuel based Co-generating Stations. No banking charges shall be deducted from such unutilized banked energy.
 - (i) Banking charges shall be 12.5% of the energy banked.

- (j) In case of a Non-fossil fuel based Co-generating Stations, which is not a captive generating plant, the facility of banking shall apply only if it has a PPA with the distribution licensee in the State.

49. Deemed Generation

(Applicable only in case of Small Hydro Generating Plants & Solar PV & Solar Thermal Projects)

- (1) After the COD of the Project, loss of generation at the Station on account of reasons attributed to the following, or any one of the following, shall count towards Deemed Generation:
- Non availability of evacuation system beyond the Interconnection Point; and
 - Receipt of backing down instructions from the SLDC.

Provided that the following shall not count towards Deemed Generation:

- (i) The loss of generation at the Station on account of aforesaid factor(s) but attributed to the Force Majeure event(s);
 - (ii) The loss of generation at the Station due to the interruptions/outages attributed to the aforesaid factor(s) during the period in which the total duration of such outages/interruptions, other than that excluded under above, is within the limit of:
 - 48 hours in a month in case of small hydro project, and
 - 50 hours in a year in case of solar PV and Solar Thermal Project.
 - Provided that for working out the ceiling of 50 Hrs. in a year for Solar PV and Solar Thermal Projects, the interruptions/outages occurring during 18.00 hours in the evening to 6.00 hours in the morning shall not be counted;
 - Provided further that till 01.04.2019, the above limit for Solar PV and Solar Thermal Projects shall remain at 60 hours in a month.
- (2) The distribution licensee shall be required to maintain the voltages at the point of interconnection with the project within the limits stipulated hereunder, with reference to declared voltage:
- In the case of High Voltage, +6% and -9%; and,
 - In the case of Extra High Voltage, +10% and -12.5%.

Any loss in generation due to variations in the voltage beyond the limits specified above shall be reckoned as deemed generation provided such loss of generation results in reduction of more than 25% of capacity output.

- (3) The period of outage/interruption on account of such factor(s) specified in sub-Regulation 1 and 2 above, shall be reconciled on monthly basis and the loss of generation at the station towards Deemed Generation after accounting for the events specified under sub-Regulation 1 (i) & (ii) above, shall be computed on following considerations:
- (i) The recovery on the above account shall be admissible if the actual energy generated during the year is less than the normative CUF specified in the Regulation for small hydro projects and Solar PV and solar thermal projects (in case of project opting for generic tariff) or the CUF considered for recovery of fixed charges (in case of project specific tariff is applicable) for small hydro projects and solar PV and solar thermal projects. In case the sum of actual energy generated and the deemed generation during the year exceeds the CUF at which the recovery of fixed charges has been envisaged, then the deemed generation alongwith the actual energy generated will be allowed only upto the CUF considered.
 - (ii) The generation loss towards the Deemed Generation in accordance with sub-Regulation (1) above, if any, during the month shall be considered on the pro-rata basis on the number of hours lost based on the actual average generation achieved during that month divided by the total number of hours available during the month reduced by the number of hours outage/interruption occurred in the system.
 - (iii) The generation loss towards the Deemed Generation (in MWh) in accordance with sub-Regulation (2) above, if any, during the month shall be considered as the summation of the product of number of hours the variations in voltage beyond the specified limit existed and the Generation lost (in MW) due to the variation in the voltage beyond the specified limit. The Generation lost (in MW) would be the difference between the following:
 - (a) Minimum of the generation (in MW) before the variation in voltage occurred and the generation (in MW) achieved after 90 minutes immediately after variation in voltage was restored within the specified limit would be treated as the "Actual Generation" during the period when voltage variations occurred; and

Provided that if such variation in voltage continues for the entire month, generation (in MW) before such variation in voltage occurrence would be treated as the "Actual Generation".

 - (b) The generation achieved during the period when variation in voltages took place.

- (4) The distribution licensee shall pay for the saleable deemed generation, on annual basis, for Small Hydro projects and Solar PV and Solar Thermal projects worked out on the basis of the deemed generation on the above lines, at the generic/project specific tariffs as applicable in accordance with the applicable RE Regulations. The settlement of payment towards deemed generation charges shall be carried out within 3 months of the completion of the financial year.

Provided that any charges paid by the distribution licensee towards deemed generation shall not be allowed as an expense to be pass through in tariffs. The distribution licensee will have to bear such charges;

Provided further that the deemed generation conditions stipulated above shall be applicable only on those Small Hydro projects and Solar PV and Solar Thermal projects who have signed a long term PPA with the distribution licensee;

Provided also that the deemed generation conditions shall be applicable only on the Small Hydro projects and Solar PV and Solar Thermal projects where the evacuation line is connected to 11 kV or higher voltage Grid Sub-station.

50. Savings

Nothing in these regulations shall, expressly or impliedly, bar the Commission dealing with any matter or exercising any power under the Act for which no regulations have been framed, and the Commission may deal with such matters, powers and functions in a manner, as it considers just and appropriate.

51. Power to Remove Difficulties

If any difficulty arises in giving effect to these regulations, the Commission may, of its own motion or otherwise, by an order and after giving a reasonable opportunity to those likely to be affected by such order, make such provisions, not inconsistent with these regulations, as may appear to be necessary for removing the difficulty.

52. Power to Relax

The Commission, for reasons to be recorded in writing, may vary any of the provisions of these regulations on its own motion or on an application made before it by an interested person.

Annexure-1

1. Levelised rate of Fixed Charges (RFC) in Rs./kWh for SHPs (upto 25 MW) commissioned on or after 01.04.2018:

Particulars	Upto 5 MW	Above 5 MW & upto 15 MW	Above 15 MW & upto 25 MW
Gross Tariff (CUF@ 40%)	6.33	6.08	5.70
Gross Tariff (CUF @ 45%)	5.63	5.40	5.07

2. Levelised rate of Fixed Charges (RFC) in Rs./kWh for Municipal Solid Waste (MSW) based Power Projects:

Particular	Rate of Fixed Charges (Rs./kWh)
Gross Tariff	6.89
Less: Acc. Dep. Benefit	0.30
Net Tariff	6.59

3. Levelised rate of Fixed Charges (RFC) & Variable Charges in Rs./kWh for Refuse Derived Fuel (RDF) based Power Projects:

Particular	Rate of Fixed Charges (Rs./kWh)
Gross Tariff	4.44
Less: Acc. Dep. Benefit	0.17
Net Tariff	4.27

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Variable Charges where 1 st year is year of commissioning (Rs./kWh)	3.56	3.74	3.92	4.12	4.32	4.54	4.77	5.01	5.26	5.52	5.80	6.08	6.39	6.71	7.04	7.40	7.77	8.15	8.56	8.99

4. Levelised rate of Fixed Charges (RFC) & Variable Charges in Rs./kWh for Non-Fossil fuel based Co-generation Projects:

Particular	Rate of Fixed Charges (Rs./kWh)
Gross Tariff	3.67
Less: Acc. Dep. Benefit	0.15
Net Tariff	3.52

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Variable Charges where 1 st year is year of commissioning (Rs./kWh)	3.42	3.59	3.77	3.96	4.15	4.36	4.58	4.81	5.05	5.30	5.57	5.84	6.14	6.44	6.77	7.10	7.46	7.83	8.22	8.63

5. Levelised rate of Fixed Charges (RFC) & Variable Charges in Rs./kWh for Biomass Gasifier Projects:

A. For Pine leaves based Biomass Gasifier projects

Particular	Rate of Fixed Charges (Rs./kWh)
Gross Tariff	4.27
Less: Acc. Dep. Benefit	0.11
Net Tariff	4.16

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Variable Charges where 1 st year is year of commissioning (Rs./kWh)	3.27	3.43	3.61	3.79	3.98	4.17	4.38	4.60	4.83	5.07	5.33	5.59	5.87	6.17	6.48	6.80	7.14	7.50	7.87	8.27

B. For Other Biomass Gasifier projects:

Particular	Rate of Fixed Charges (Rs./kWh)
Gross Tariff	2.93
Less: Acc. Dep. Benefit	0.10
Net Tariff	2.82

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Variable Charges where 1 st year is year of commissioning (Rs./kWh)	3.27	3.43	3.61	3.79	3.98	4.17	4.38	4.60	4.83	5.07	5.33	5.59	5.87	6.17	6.48	6.80	7.14	7.50	7.87	8.27

6. Levelised rate of Fixed Charges (RFC) & Variable Charges in Rs./kWh for Biogas Projects:

Particular	Rate of Fixed Charges (Rs./kWh)
Gross Tariff	4.30
Less: Acc. Dep. Benefit	0.21
Net Tariff	4.09

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Variable Charges where 1 st year is year of commissioning (Rs./kWh)	4.52	4.75	4.99	5.24	5.50	5.77	6.06	6.37	6.68	7.02	7.37	7.74	8.12	8.53	8.96	9.40	9.88	10.37	10.89	11.43

7. Levelised rate of Fixed Charges (RFC) for Canal Bank Solar PV and Canal Top Solar PV Power Projects:

Particular	Canal bank Solar PV Power Plants	Canal top Solar PV Power Plants
	(Rs./kWh)	
Gross Tariff	6.69	6.92
Less: Acc. Dep. Benefit	0.39	0.41
Net Tariff	6.29	6.51

8. Levelised rate of Fixed Charges (RFC) for Solar PV and Solar thermal Power Projects:

Particular	Solar PV Projects	Solar Thermal Projects
	(Rs./kWh)	
Gross Tariff	4.73	14.04
Less: Acc. Dep. Benefit	0.25	0.79
Net Tariff	4.48	13.26

9. Levelised rate for Fixed charges (RFC) for Grid-interactive rooftop and small Solar PV Power Plants:

A. For Projects having capacity upto 10 kW

Level of Subsidy	0%	30%	70%	90%
Particulars	Rate of Fixed Charges (Rs./kWh)			
Gross Tariff	5.93	5.18	4.18	3.76
Less: Acc. Dep. Benefit	0.31	0.26	0.18	0.13
Net Tariff	5.62	4.92	4.00	3.63

B. For Projects having capacity above 10 kW and upto 100 kW

Level of Subsidy	0%	30%	70%	90%
Particulars	Rate of Fixed Charges (Rs./kWh)			
Gross Tariff	5.37	4.62	3.64	3.29
Less: Acc. Dep. Benefit	0.28	0.23	0.16	0.10
Net Tariff	5.09	4.39	3.48	3.19

C. For Projects having capacity above 100 kW and upto 500 kW

Level of Subsidy	0%	30%	70%	90%
Particulars	Rate of Fixed Charges (Rs./kWh)			
Gross Tariff	4.99	4.35	3.49	3.13
Less: Acc. Dep. Benefit	0.27	0.22	0.16	0.11
Net Tariff	4.72	4.12	3.33	3.01

D. For Projects having capacity above 500 kW and upto 1 MW

Level of Subsidy	0%	30%	70%	90%
Particulars	Rate of Fixed Charges (Rs./kWh)			
Gross Tariff	4.77	4.15	3.32	2.97
Less: Acc. Dep. Benefit	0.26	0.22	0.15	0.11
Net Tariff	4.51	3.93	3.17	2.86

10. Levelised rate of Fixed Charges (RFC) for Wind Energy based Power Projects:

Particular	Rate of Fixed Charges (Rs./kWh)				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
Gross Tariff	4.85	4.44	3.81	3.23	3.05
Less: Acc. Dep. Benefit	0.47	0.43	0.37	0.31	0.29
Net Tariff	4.38	4.02	3.44	2.92	2.75

11. Levelised rate of Fixed Charges (RFC) in Rs./kWh for Biomass Rankine Cycle based Power Project

A Projects [other than rice straw and juliflora (plantation) based projects] with water cooled condenser based on Travelling grate boilers.

Particular	Rate of Fixed Charges (Rs./kWh)
Gross Tariff	3.05
Less: Acc. Dep. Benefit	0.10
Net Tariff	2.95

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Variable Charges where 1 st year is year of commissioning (Rs./kWh)	3.58	3.76	3.95	4.15	4.36	4.58	4.80	5.04	5.30	5.56	5.84	6.13	6.44	6.76	7.10	7.45	7.83	8.22	8.63	9.06

B. Projects [other than rice straw and juliflora (plantation) based projects] with water cooled condenser based on AFBC Boilers.

Particular	Rate of Fixed Charges (Rs./kWh)
Gross Tariff	3.04
Less: Acc. Dep. Benefit	0.10
Net Tariff	2.94

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Variable Charges where 1 st year is year of commissioning (Rs./kWh)	3.52	3.70	3.88	4.08	4.28	4.49	4.72	4.95	5.20	5.46	5.74	6.02	6.32	6.64	6.97	7.32	7.69	8.07	8.47	8.90

C. Projects [other than rice straw and juliflora (plantation) based projects] with air cooled condenser based on Travelling grate boilers.

Particular	Rate of Fixed Charges (Rs./kWh)
Gross Tariff	3.23
Less: Acc. Dep. Benefit	0.11
Net Tariff	3.12

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Variable Charges where 1 st year is year of commissioning (Rs./kWh)	3.67	3.85	4.04	4.25	4.46	4.68	4.91	5.16	5.42	5.69	5.97	6.27	6.59	6.92	7.26	7.62	8.01	8.41	8.83	9.27

D. Projects [other than rice straw and juliflora (plantation) based projects] with air cooled condenser based on AFBC Boilers

Particular	Rate of Fixed Charges (Rs./kWh)
Gross Tariff	3.23
Less: Acc. Dep. Benefit	0.11
Net Tariff	3.11

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Variable Charges where 1 st year is year of commissioning (Rs./kWh)	3.60	3.78	3.97	4.17	4.38	4.60	4.83	5.07	5.32	5.59	5.87	6.16	6.47	6.79	7.13	7.49	7.86	8.26	8.67	9.10

E. For rice straw and juliflora (plantation) based projects with water cooled condenser based on Travelling grate boilers.

Particular	Rate of Fixed Charges (Rs./kWh)
Gross Tariff	3.19
Less: Acc. Dep. Benefit	0.11
Net Tariff	3.08

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Variable Charges where 1 st year is year of commissioning (Rs./kWh)	3.58	3.76	3.95	4.15	4.36	4.58	4.80	5.04	5.30	5.56	5.84	6.13	6.44	6.76	7.10	7.45	7.83	8.22	8.63	9.06

F. For rice straw and juliflora (plantation) based projects with water cooled condenser based on AFBC Boilers.

Particular	Rate of Fixed Charges (Rs./kWh)
Gross Tariff	3.18
Less: Acc. Dep. Benefit	0.11
Net Tariff	3.07

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Variable Charges where 1 st year is year of commissioning (Rs./kWh)	3.52	3.70	3.88	4.08	4.28	4.49	4.72	4.95	5.20	5.46	5.74	6.02	6.32	6.64	6.97	7.32	7.69	8.07	8.47	8.90

G. For rice straw and juliflora (plantation) based projects with air cooled condenser based on Travelling grate boilers.

Particular	Rate of Fixed Charges (Rs./kWh)
Gross Tariff	3.38
Less: Acc. Dep. Benefit	0.12
Net Tariff	3.25

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Variable Charges where 1 st year is year of commissioning (Rs./kWh)	3.67	3.85	4.04	4.25	4.46	4.68	4.91	5.16	5.42	5.69	5.97	6.27	6.59	6.92	7.26	7.62	8.01	8.41	8.83	9.27

H. For rice straw and juliflora (plantation) based projects with air cooled condenser based on AFBC Boilers.

Particular	Rate of Fixed Charges (Rs./kWh)
Gross Tariff	3.37
Less: Acc. Dep. Benefit	0.12
Net Tariff	3.25

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Variable Charges where 1 st year is year of commissioning (Rs./kWh)	3.60	3.78	3.97	4.17	4.38	4.60	4.83	5.07	5.32	5.59	5.87	6.16	6.47	6.79	7.13	7.49	7.86	8.26	8.67	9.10

Form-1.1: Form Template for (Wind Power or Small Hydro Project or Solar PV/Thermal)

Sl. No.	Assumption Head	Sub-Head	Sub-Head(2)	Unit	Values
1	Power Generation	Capacity	Installed Power Generation Capacity Capacity utilization Factor Commercial Operation date Useful Life	MW % MM/YYYY Years	
2	Project Cost	Capital Cost/MW	Normative Capital Cost Capital Cost Capital subsidy, if any Net Capital Cost	Rs. Lakh/MW Rs. Lakh Rs. Lakh Rs. Lakh	
3	Financial Assumptions	<u>Debt Equity</u> <u>Debt Component</u> <u>Equity Component</u> <u>Deprecation</u> Incentives	Tariff Period Debt Equity Total Debt Amount Total Equity Amount Loan Amount Moratorium Period Repayment Period (includ Moratorium) Interest Rate Equity Amount Return on Equity for first 10 years Return on equity 11 th Year onwards Discount rate Depreciation Rate for first 12 years Depreciation Rate 13 years onwards Generation based incentives, if any Period for GBI	Years % % Rs. Lakh Rs. Lakh Rs. Lakh Years Years % Rs. Lakh % p.a. % p.a. % % % RS L.p.a. years	
4	Operation & Maintenance	Normative O&M Expenses O&M Expenses per annum Escalation factor for O&M expenses		Rs. Lakh/MW Rs. Lakh %	
5	Working Capital	O&M expenses Maintenance Spare Receivables Interest on working capital	% of O&M expenses)	Months % Months %p.a.	

**Form - 2.1: Form Template for (Biomass Power, municipal solid waste, refuse derived fuel or
Non-fossil fuel based Cogen) Parameter Assumptions**

Sl.No.	Assumption Head	Sub-Head	Sub-Head (2)	Unit	Values
1	Power Generation	Capacity	Installed Power Generation Capacity Auxiliary Consumption factor PLF (during stabilization upto 6 months) PLF (during 1 st year after stabilization) PLF (2 nd yr onwards) Commercial Operation Date Useful Life	MW % % % % mm/yyyy Years	
2	Project Cost	Capital Cost/MW	Normative Capital Cost Capital Cost Capital subsidy, if any Net Capital Cost	Rs. Lakh/MW Rs. Lakh Rs. Lakh Rs. Lakh	
3	Financial Assumptions	<u>Debt: Equity</u> <u>Debt Component</u> <u>Equity Component</u> <u>Depreciation</u> <u>Incentives</u>	Tariff Period Debt Equity Total Debt Amount Total Equity Amount Loan Amount Moratorium Period Repayment Period (incl'd Moratorium) Interest Rate Equity Amount Return on Equity for first 10 years Return on Equity 11 th year onwards Discount Rate Depreciation Rate for first 12 years Depreciation Rate 13 years onwards Generation Based incentives, if any Period for CBI	Years % % Rs. Lakh Rs. Lakh Rs. Lakh Year Year % Rs. Lakh % p.a. % p.a. % % % Rs. L p.a. years	
4	Operation & Maintenance	Normative O&M expense O&M expense per annum Escalation factor for O&M expense		Rs. Lakh/MW Rs. Lakh %	
5	Working Capital	O&M expense Maintenance Spare Receivables Biomass stock Interest on working capital	(% of O&M expenses)	Months % Months Months % p.a.	
6	[Fuel related assumptions]	Station Heat Rate Fuel types & mix	During stabilization Post stabilization Biomass fuel type-1 Biomass fuel type-2 Municipal Solid Waste fuel Refuse Derived Fuel Fossil fuel (coal) GCV of Biomass fuel type-1 GCV of Biomass fuel type-2 GCV of fossil fuel (coal) Biomass Price (fuel type-1):yr-1 Biomass Price (fuel type-2):yr-1 Fossil fuel price (coal) : yr-1 Fuel price escalation factor	Kcal/kWh Kcal/kWh % % % % % kCal/kg kCal/kg kCal/kg Rs./MT Rs./MT Rs./MT % p.a.	

Form 1.2 Form Template for (Biomass Power, municipal solid waste, refuse derived fuel or Non-fossil fuel based Cogen:

Determination of Tariff Components

[illegible][illegible][illegible][illegible]

Levelised Tariff	Unit	Year																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Discount Factors	Rs./kWh																																					
Discount Tariff Components (fixed)	Rs./kWh																																					
Discount Tariff Components (variable)	Rs./kWh																																					
Discount Tariff Components (total)	Rs./kWh																																					
Levelised Tariff (fixed)	Rs./kWh																																					
Levelised Tariff (variable)	Rs./kWh																																					
Levelised Tariff (total)	Rs./kWh																																					

By Order of the Commission,

NEERAJ SATI,

Secretary,

Uttarakhand Electricity Regulatory Commission.

पी०एस०यू० (आर०ई०) 38 हिन्दी गजट/507-भाग 1-क-2018 (कम्प्यूटर/रीजियो)।

मुद्रक एवम् प्रकाशक-अपर निदेशक, राजकीय मुद्रणालय, उत्तराखण्ड, रुड़की।



सरकारी गजट, उत्तराखण्ड

उत्तराखण्ड सरकार द्वारा प्रकाशित

रुड़की, शनिवार, दिनांक 22 सितम्बर, 2018 ई0 (भाद्रपद 31, 1940 शक सम्वत्)

भाग 8

सूचना एवं अन्य वैयक्तिक विज्ञापन आदि

सूचना

मेरे पुत्र आकाश दिवाकर एवं पुत्री शिखा दिवाकर के शैक्षिक दस्तावेजों में मेरा नाम पूनम दिवाकर लिखा है जबकि मेरा नाम अन्नपूर्णा दिवाकर है। भविष्य में मुझे अन्नपूर्णा दिवाकर के नाम से जाना पहचाना जाये।

समस्त विधिक औपचारिकताएँ मेरे द्वारा पूर्ण कर ली गई है।

अन्नपूर्णा दिवाकर

पत्नी स्व, अनिल कुमार दिवाकर निवासी

87/31 त्यागी रोड, देहरादून।

पी0एस0यू0 (आर0ई0) 38 हिन्दी गजट/507-भाग 8-2018 (कम्प्यूटर/रीजियो)।

मुद्रक एवम् प्रकाशक-अपर निदेशक, राजकीय मुद्रणालय, उत्तराखण्ड, रुड़की।